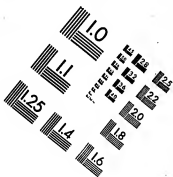
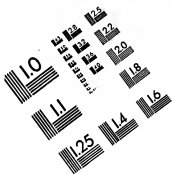


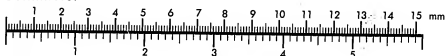


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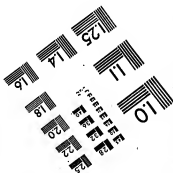
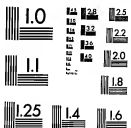
MS303-1980



Centimeter



Inches



Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART II (1879-1886)

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Frederick, Maryland
1987

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Thomas A. Edison Papers
at
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18 June 1981

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START

85

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THOMAS A. EDISON PAPERS
A SELECTIVE MICROFILM EDITION
PART II
(1879-1886)

REEL 85

LETTERBOOK SERIES (LBK-7)

Letterbooks, LM-014 - LM-021

Thomas A. Edison Construction Department Letterbook, LM-014

This letterbook covers the period June-September 1883. Many of the letters are by Edison. There is also correspondence by Samuel Insull. Most of Edison's correspondence is in the hand of Insull or Alfred O. Tate, acting as Edison's secretary. Included in the volume are cost estimates for central stations in Lawrence, Massachusetts and Utica, New York. Other material deals with Edison's attendance at the opening of the central station in Sunbury, Pennsylvania. There are also letters regarding the purchase of building sites for central stations, correspondence about the payment of overdue bills, and a written examination prepared by Edison for central station engineers and metermen. Among the recipients are the Ansonia Brass & Copper Company, Babcock & Wilcox, Spencer Borden, William F. Brewster, Edward H. Johnson, Frank H. McCormick, W. D. Rich, and Frank J. Sprague. The spine is labeled "1883" and is stamped "Letters No. 1. T. A. Edison Construction Department." The book contains 502 numbered pages and an index. Approximately 30 percent of the book has been filmed.

117
423

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y

No 1

Thos H. Edison

Construction

Department.

Ansonia Brass & Co. Inc.	205, 210, 235, 247, 490
Arthur & Rasmell	19, 36, 44, 157, 165, 283, 314, 315, 423, 424, 426, 427, 428
Aurington & Sons Co.	64, 82, 136, 262, 307, 490
Andrews, W. S.	119, 120, 121, 125, 126, 128, 129, 130, 131, 167, 174, 175, 185, 194, 200, 224
Atendroth & Root	211
Andrews, W. S.	231, 260, 270, 271, 273, 278, 324, 335, 357, 378, 381, 387, 405, 413, 420
American District, Tel. Co.	416
Andrews W. S.	432, 434, 437, 444, 456, 495
Arthur & Bonnell	443, 460, 468, 488
Arthur J. W.	444

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Bergmann's Les

Brewster, H. F.

Bliss Co. St.

Borden & Son

Babcock & Wilcox

Becker & Sons

Batman, J. P.

Brooks & Co.

Batchelor, C.

Bullisby, H. M.

Baron, A. C.

Baumann Bros

8, 106, 113, 148, 244, 265, 267, 268, 272, 409, 440, 454, 485
76, 75, 89.

44, 264, 275, 355

59, 136, 140, 142, 149, 230, 326, 362, 499

72, 78, 248, 279, 462

144.

303

317, 451.

367

469

479

Clarke F. C.

Cook C. H.

Campbell, J. M. J. H.

Clark, A. A.

Campbell, C. H.

Crowder, J. W. P.

Chinnock, C. E.

Clarke, J. C.

Clarke, C. L.

Cowley, A. A.

Campbell, J. R.

✓
3.254

17, 54, 90, 99, 110, 117, 141, 153, 160, 245, 253, 268, 315, 330, 448

21.

64, 195, 196

21 73, 139, 268

132, 145, 151, 152, 156, 184, 192, 233, 244, 261, 388, 441.

243, 319, 404

332, 354

317

210, 446

466, 486, 492, 494

C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Norau John

Norau W. H.

Norau Paul S.

Douleday, W. M.

Dunkley, S. P.

Dean Steam pump Co. 80

70

71, 49, 50, 55, 69, 92, 94, 97, 146, 166, 176, 177

31, 47, 71, 74, 76, 83, 96, 115, 138, 141, 142, 162, 182, 234, 246, 37, 38, 375, 422

197, 255

226

Edison Machine Works
Edison T. G.

Edison Electric M. Co. of New York

Equitable Life Assurance Co. of the U.S.

Edison Co. for Ind. Eng.

Edison, Wm. S. B.

Edison Lamp Co.

5, 262, 410, 440, 441

32, 109, 111, 114, 115, 133.

41,

60

14, 85, 86, 87, 88, 105;

148.

387, 414

E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y

Shurt C. R

214

Germania Banc
Greenfield. S. F.
Greenfield. C. F.

18.

408

442

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Hawington C. F.	57, 112, 207, 236.
Heddim. R. M.	37, 159, 225, 247
Haywood Perry. & Franklin	166, 187, 257, 258, 280, 281, 301
Hib. J.	303
Heim. M. D.	302
Hastings. F. S.	345
Harris & Robinson	439

Small Saul,

68, 68.264

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

A. B. Johnson
Johnson, E. H.
Johnson, W.
Junker, W. J.

143.157.156.190.228.306.340.344.345.400.

198.237.272

309

459

Lawrence, Mass.
Knap, McMillan & Co
King, Mrs. C. & J.
Kneel, John

1.
16, 34, 43, 180
21,
102, 187, 212, 220, 269, 282, 299

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

McCormick F. H.	16, 35.181.215.236.288.376
Morris, James Co	33, 81.305.421.
Mullin, John	74.38 8 . 418.420.448.485
Wolfe, J. L.	98.181.187.486.489
Mullen, W.	191
Moore, M. H.	238.353.
Munro, G.	302
Nan, F. L.	300373.376.395.450.491.
McNab & Harlin	396

M
N
O
P
Q
R
S
T
U
V
W
X
Y

Nathorn & Dryfus 79.
Newton. D. 406

Patterson. Bros.
Pratt & Co. J.
Preston & Co.

193

235

443

O
P
P
R
S
T
U
V

Rich. W. D.

Prof. Lewis

Rich. W. D.

Aud. J. B.

Robinson W. P.

Rich. W. D.

Rich. W. D.

Rich. W. D.

66.67.70.71.72.213.214.218.219.223.239.241.242.242.249.250.
89.

251.252.253.254.259.307.310.311.314.316.318.320.321.324.327.347.
304

331

348.349.350.356.357.359.369.370.371.372.375.378.379.383.385.

399.411.417.419.429.430.449.458.461.463.464.465.471.2

475.477.481.482.483.484.485.499.500.501.502

Q
R
S
T
U
V
W
X
Y

Sturtevant
Harr. P. B.
Sprague, J.
Sims, L. C.
Stuart, A.
Savage, E.
Society Ch. Colson
Sawidge, Jov.
Spencer Bank
Spies & C.

65.
76.134.199.332.346.357,
99.109.116.
115.143.488.498
265.284.346.360.367.455.392.450.452
304
368
397.404
464
448

S
E
V
E
N

Terwilliger & Leck

155,308

~~Stark & Co~~

~~305~~

To whom it may concern

53

Arguehart, John. S. 107.

U
V
E
V

Miller, G. W.
White, C. E.
Wiley C. S.

57, 110, 161, 227, 244, 256, 466, 1144
222
227

Shuman Steam Station

Repairs & Expenses
Under No. 1

Engines Over 14 1/2 x 13 Engine	2000
unpadding & setting up same	87
Insulation for one w. 13 sq. ft. bolts & plate	250
" " 17 1/2 sq. ft. "	125
Dynamos & P.M. Machines	3000
24 Extra Brushes	25
unpadding & setting up Machines	48
Boiler one 124 1/2 x 13 1/2 Boiler	2527
Setting Boiler including material & labor	483
Bottom Foundation for same	75
Steam Pump	203
Inspector	190
Boiler Heat including material	60
Boiler (4) One Set of Oil Cans	9
Exp. Room Double Oil Tank	31
Machines Minute Glass & Counter	5
Wood Bench, Vice, Scales, Tools, Brushes, & general repairs	30
One extra pair of 11 1/2 inch pins & rods	2
One " " 17 1/2 " " "	10
Two extra pairs Hoopless Pump Bars	60
Steam Smother, weights & valve & pipe	12205
Testing Stand 300 lbs. capacity	75
Regulator One 1/2 inch 1/2 inch	90
Two Banks C.S. Regulators (2 and)	200
Six Feeder Switches	75
Three Dynamos Switches	30
Iron Horse clamping Switches	68
Switches for 1/2 inch Regulators	10
One Feeder Switch	137
Paint & Oil	11025

	One Main Ampere battery	Not used	104.98
			20
Meters	Stationary lamps & lamp hanging in Meter Room		150
Water	50 Meters of 1/2 light, 25 of 2 1/2 light 5 of 10 light		482
Porn	50 Extra Assorted Bottles		12
	50 Pairs Plate Rubber Parts		32
	Retort Stand & Funnel		5
	Shell for Water		20
	25 lbs Sulfate Zinc 10 lbs Mercury		13
	Two by one two 50" x 1/2" by 1/2" Test Tubes		4
	Balance for Weighing Water Plate		100
	Druggist Scales & Tin Scoop		10
	One Thermometer		2
	Trunk for Meters 30, 18 x 6 (unpacked)		17
	See one Gallon Bottles		2
	Two graduates 8 litre bottles 2 1/2 lbs bottles & more		8
Improving			
Fixtures	250 Temporary Pictures, Locks & Shades		394
Steel	Two new fixtures large lamps joints clamping bolt		
Installation	Laying cables and rigging cable and fixing cable		97.34
Services	Money on Station for Meters & Fixtures		200
	Lighting Station, 25 light		100
	Running Expenses in connection with operation of Station, Travelling Expenses &c		350
	Freight - Miscellaneous		17.5
Working	Salary of Stationer (80 per day 2 days)		
Station	Water man (100 per day 2 days) to reach		260
	permanent Employees		
	Supplies for Month - 150 lbs waste		12
	15 Gal Glider Oil & 15 Gal Machine Oil		29
			235.9

P. E. Clarke Esq
Lawrence, Essex Co
Mass

June 11/ 3

Dear Sir:

I enclose you herewith form of agreement in duplicate (executed by Mr. Edison) for the Central Station plant at Lawrence. To it is attached our revised estimate amounting to \$32985⁰⁰ as against the old estimate for \$33568⁰⁰. You will notice I have put down a number of items on the first page of the estimate and have increased one item - that for the boiler - as the power has been increased.

I have also put in a few number of meters than was originally contemplated as after going carefully into the matter Mr. Edison thinks the original number too many. I also enclose you a statement of what we consider necessary for you to put in right away and amounting to \$23589⁰⁰. If this agrees with your ideas in this connection, will you please let us have the necessary

formal order and a cheque on account. I will then have the tubes made and laid immediately and order the machinery etc, which I will hold awaiting your instructions to erect it.

This of course will present any great delay in the work as the part which takes the longest viz. the tubes, will be finished by about the time that you will be ready for us to work in the interior of the Station.

I think that you will find the Contract covers the points that you wished put in with reference to your right to order as you want the work done, and if we proceed on the lines laid down above I see no reason why the work should not be all finished about twenty or thirty days after you notify us that we can work in the interior of the Station.

Yours truly

Samuel Insull
Private Secretary

1
 June 10th 3
 1st Quarter

Shutten Notes
 St Louis

Complete taken with note
 completed under twenty
 fifty - rough estimates
 shown we can take contact
 complete system including
 building street takes
 several, if permission
 obtained and if nicholas

drawn out still there, and
 run station thirty days
 and teach men to
 continue its running
 for hundred and ~~two~~
 twenty nine thousand
 dollars for five thousand
 eight hundred lights of
 sixteen candle capacity

latter equal to a dozen
 fast runner saddle-jms
 each. This does not include
 let. The accurate estimate
 will reduce some names
 considerably - A great
 many ten candle lamps
 can be well being equal
 to five fast Saddle

runner. Station would
 supply nine thousand ten
 candle lamps and also
 might be supplied with
 small lamps -

W
 Howard Edison
 7

June 1st 3
 1000 Read.

City 4th St
 Huntington, Va

Have you received
 any letters yet. When
 will Edmund be home.
 How about, reputation
 for Prose & Verse
 Shall
 be

June 18th 3
 Edw. M.
 518 53th St
 Chicago

How do you make
 that supply all material
 for Louisville and every
 where, except in price and
 quantity. Is it so?
 Thomas

June 18th 3

THOS. A. EDISON,
Central Station, Construction Dept.,
66 FIFTH AVENUE.

PAGE 2.

New York.

To

Wm. A. R. Dwyer
Mr. Dwyer, Sup't.

Dear Sir:

No.

H. Patterson
and have this day forwarded to

(*New York*) *City*

my order (No. *57*) for same.

Yours truly,

THOS. A. EDISON.

Per

June 20
and built
at Lawrence Hall

Mutual

Edison has done story
and says about Edison
had got up steam at
Edison's time and if
all right will have
for Edison the same
in fact - Washington at
to Edison's rights to

Copyright

To

Mr.

at

to have

for

Just wing the new
 averaged to get
 holes at the same
 number at original
 price -

Take

of a black
 mass

On the

If you want accurate work
 with them from here

Shanghai

1.

To Shanghai 1911
 1911 - 1912

20th June 8

My dear ~~Barrow~~ ~~Barrow~~
 30 Convent St
 Ch

Dear Sir
 I will tell you please send
 a man to Chapman's to
 to represent the estate
 of the Barrow you shipped
 there for me. We cannot
 expect to get your money
 Machine Shop Chapman's.
 Please let me know
 by return when your
 man will start

Yours truly
 Miss B. B. B.

June 19th
 N. A. Park
 City Hotel
 Chubbuck, Iowa.
 Maids, Miss M. M. M.
 David Howell.

June 19th

Mr. J. Brewster

Southern Hotel

St. Louis, Mo.

Estimate made, together with
full information concerning
same, amount over one hundred
and fifteen thousand six
hundred and twenty ~~five~~ five
for five thousand five
hundred ~~ten~~ fifteen cattle

gangs or nine thousand
six hundred ten cattle
gangs.

Wm. A. C. (S. C.)

I will
 be
 with
 you
 in
 the
 morning
 at
 the
 office
 of
 the
 Board
 of
 Health
 and
 Hygiene
 at
 the
 City
 Hall
 at
 10
 o'clock
 A.M.

When will you find time
 to
 call
 on
 me
 at
 my
 office
 at
 the
 City
 Hall
 at
 10
 o'clock
 A.M.

I will
 be
 with
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 morning
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 the
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 of
 Health
 and
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 at
 the
 City
 Hall
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I will
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 the
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 Health
 and
 Hygiene
 at
 the
 City
 Hall
 at
 10
 o'clock
 A.M.

July 2nd
Mr. J. D. Rich

Hotel Palmer

Buxton, Mass.

7 pages, on these two
hundred and ninety two
horse power. You must
be as standing on morning
at front with up the
day

H. Small

to the bank July 31
 Charlotte Hotel
 Birmingham Ala
 Bureau not yet received
 answer

July 30 -
 A. H. Cook
 Charlotte, N.C.
 Birmingham, Miss
 The Bureau Bureau put records
 not indicated by you for
 expense. See local people
 engine, about - number
 other 100, send Big
 prices since 1899 no possible
 enable us to get the list
 determined.

You finish Minneapolis;
Get detailed information
Minneapolis 6-7
S. B. Hall

Dear Sir,
 I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above named matter. I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
 Yours, &c.
 J. W. Smith

July 7th

H. F. Gougeon

City Hotel, Hamburg

Penn.

Will you immediately
whether Edison will be
here tomorrow morning
I will

July 7th

Thomas A. Edison

City Hotel

Hamburg, Penna.

You must hurry up Americans

people. Unless something

is done by which we can

get second payment from

them quickly it will cause

great inconvenience

Travels

G. W. Miller
 64 m
 Bowser House
 Hartford Conn.
 Mine G. S. Bancroft, Business
 House, Pittsfield when ~~you~~
 you will arrive there. All the same
 to me. You must write
 oftener, keep no notes about
 progress.
 Saul Smull

G. H. Coote
 Miller House
 Minneapolis, Minn.
 been for several dollars
 mailed from
 Saul Smull

July 9th
J. R. Edwards
City Hotel

Cannot write for my right
thumb. Cannot you use
thumb right instead. But
cost the same. If I send
fifty my right to sending
those there will be thrown
on over heads. Are Chauncey
and his a word. Cannot

Understand why Huntington
does not go ahead with
Chauncey living. I
cannot complain local
companies Chauncey until our
work is done. Cannot you
bury Huntington. Dequened
complaining. Then will you
be good. I shall be well.

July 9th,
T. A. Baird

Big Wet
Swampy, Pa.

Washington, Good tonight
to Ohio, Williamsport.
There was no one here
and I suppose Louisville
not. Switzer's reputation
and indicator not correct.
I do not understand what
they want and Switzer

Swampy cannot tell.
Switzer

David Switzer

10th July 3
 Mrs F. Clark

My dear Mrs F. Clark
 I have been thinking
 of the many friends
 and many are very
 small and poor
 numbers of them are
 very poor and they
 will carry away
 I have to send off
 estimate this evening

without fail but
 and of the condition
 of the small houses
 immediately
 I cannot know

Spa 20
July 17 3
Hos. A. E. E. E.

City Hall
Grandstand will be
on Sunday only
tomorrow morning
should
9

66236
66237
66238
66239
66240
66241
66242
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66296
66297
66298
66299
66300

10th July 8

Thomas A. Edison

City Hotel Newburg

Cannot you send within the
 map marked in red by
 freight mail for
 determination.

In full

—
 sent

P. B. Shaw Esq

State Manager

Edison Central Station System
Williamstown Pa.

10th July 8

Dear Sir

I enclose you herewith estimate for the erection of Central Station System at Watsonstown Pa amounting to \$12762⁰⁰. I also enclose you copy of Blue Print of Central Station and of the System of Conductors together with forms of Agreement to be executed by the Edison Electric Illuminating Co of Watsonstown and the Edison in case of the estimate being accepted.

In the map of the System of Conductors you will notice that the lines are not carried through the main streets but in back streets. The Consumers will be mostly connected from the back of the houses &c. which is necessary owing

To the Dees

You will probably think this estimate high; but you must remember that the cost per lamp increases greatly as the size of the plant decreases as there are so many changes which are about the same in all cases.

I had this estimate all ready to go yesterday but I was unable to finish it as I had to consult Mr. Clark the Engineer of the Light Co. on some electrical questions in connection with it & I was not able to see him until today.

Yours very truly

Saml Insull

Private Secretary

12 July 3

Fernando Pimenton to

Rosa de

Dear Sir, I received your letter with much of pleasure with such kind remarks thereon. Will you please have, too, with the views of Pimenton and his particular point of view, as the Cantabrian station most would be taken. The line marked in red to the west side, on a large sheet of Pimenton when it was in shape. The railway across the Cantabrian is altogether out of the line proposed by the English Republic and it is not to be considered till the 1st of July (any)

which placed on the Cantabrian engine & building would in all probability be

placed at no time. I have at no time information at the official Pimenton state as the Cantabrian station cannot be made till we get it

Yours faithfully,

Francisco de

12 June 8

Friend Howard by
Mail Route
Baltimore

Dear Sir,

I am so glad

you have not forgotten

that I am still in the

most delicate state

of health, and I am

in good spirits

and I am

very truly

Yours truly

Howard
Baltimore

12th July 3

Friend Sir,

As you expect to be
connected with the
each named of engines
& expect your hand supplied
the Harbison Company
(all over the world) with
knowing this information
for the General Manager
of our Colonial Co who
wishes the sale for use
in speaking of the
magnitude of business

you must not fail
on these 18 x 18 engines
for London. It will be
a terrible inconvenience
if the engines are used
on ship next. You must
see consequences & get
them repaired & not
let any thing stop you
sincerely
Yours

12th July 3

A. R. Johnson Esq

New York N.Y.

Dear Sir,

I enclose map which
you sent to me last week. Mr
Harbison has drawn a red line
round the vicinity in which
the Central Station could
be located. Will you please look
up some lot & advise me
Edison of any you may
find within the above limits.
In giving lot please name
size & price. Also note
the no pieces of lot
82 x 64 & 64 x 64 mentioned
in papers of 5th July
to Mr Harbison.

Mr Harbison is here
in town & will see
well pleased for assistance
if much or possible
possible. Yours &c
A. R.

✓
 Mrs. Chapman, 10
 2710 24th St. N.
 Seattle
 July 1st 3

Dear Sir:

Referring to your
 note of today's date
 asking for 5000 copies
 more, I regret to say
 that we have none
 here.

If you look in D.C.
 - many have been put
 out of circulation in
 the amount to can you
 not use a piece of
 three in?

Yours truly,

C. J. [unclear]
 [unclear]

July 1st
 Major - J. A. Eaton,
 Gen. Lott, High St. St.
 Boston, U.S.A.
 Street is here from
 Lindemans waiting to see
 you. Answer.
 John A. Eaton,

July 3/3

Wm. R. Rich
 Dulwich House
 Grosvenor
 Place

Dear Mr. Rich
 I thank you for the
 information & it is
 not bad. It is
 very important to find
 this out. Good night
 at once

2,25

July 10th 3
 R. D. Johnson
 Utica New York

Lot one is next door
 Have written
 Edison,

July 10th 3
 Thomas P. Grant
 City Hotel
 Dunbury, Conn.

Your meterman is to
 put in meters.
 Wiremen to leave wires
 in proper position so
 meters can be easily
 connected,
 Edison,

Henry H. Clarke Esq. July 20th 3
 N. 5 High Buildg
 Baltimore Md

Dear Sir: Referring to your favor
 of the 2nd inst: on the 26th of July we
 wrote to you that we should
 require Lot 6 or 25 on Gt St
 Ave, for the Central Station there.
 Up to this writing we have heard
 nothing further from you on the
 subject.

We cannot do anything with
 this estimate until we get this
 information from you.

Yours truly

Samuel Insull
 Private Secy

✓
 E. H. Johnson Esq
 Galt House
 Louisville Ky
 July 30/3

My Dear Johnson We have today
 ordered Doubleday to Louisville to
 report to you at the Galt House.

As he has to go from
 Shunkers I presume he
 will not get to you before
 Wednesday -

Yours very truly

Saml Dixwell

P. B. Shaw by
 Williamsport
 Pa.

30th July 8

My Dear Sir

I have just seen a cutting
 from the Sunbury Daily of July
 25th reflecting on the Evening
 Dept. in a manner which does
 not appear to me as warranted
 by the facts. I venture to draw
 your attention to the matter
 in Mr. Edisons successful paper.
 The City feeling avers that if
 he were here he would waste
 you about it.

1st It brings the Eastern Editor
 right lay into dispute they
 have nothing to do with the
 Evening Dept. except at Sunbury.
 2nd It states the prices charged

are exorbitant. whereas the trouble is not with the prices charged but for the material used but with the fact that the material is so expensive and the prospect of convincing people which means that a cheaper system must be devised.

give the nations State the
work was not only done without
any important point to an
entirely different conclusion.

4th Such matters being brought into the Public Place must ~~not~~ ^{only} damage our business throughout your Section.

5th Last a publication is
handy, and incentive to our
people, how to get up a Chicago
Lectures & much necessary, invites
Hulman & Co. who Mr. Edison

constant effort, since the return
from Leichner, has been to
get them to deliver cheap
methods to produce such matter
as we have to use of them
in writing.

I think you should take
immediate steps to put this
matter right as if the Leichner
Directors were at all acquainted
with the business they were
concerned they never could
have passed such resolutions
or have caused their publication.
Thus cast reflections on a
Dept of Heugmann & Co which
in other Sections is doing every
thing of a similar character upon
which no such reflections
are cast from any quarter.

Wm. D. Smith

W. S. Andrews Esq
Cincinnati
Pa

20th July 7

My Dear Sir

Confirming my letter to
you of this date I beg to state
that I am very anxious that
all material asked for should
be sent back by freight to
A. C. Emerson & Co. 292
Avenue of New York as quickly
as possible. I also want
the hand copper with ^{all necessary} ~~the~~
fittings & valves to which Mr.
Rich had put in a package
sent back to the same address
as early as you possibly can.
Please get these things done
as quickly as you possibly can.

In returning the ~~the~~ Twelve Eyes
 medals you should be careful
 to see that all pants & bottles & your
 pubic pants belonging to them
 are also returned.

Please write me saying
 how the Shamokin Plant &
 Central Station. Pole lines &c;
 is progressing as I see by a
 Telegram from you dated
 Shamokin, that you must
 have been there.

To day Mr. Carson telegraphed
 Doubleday to draw on him
 for \$5000 to go to Council
 Bluffs to make a Johnson at
 the Galt House there. If Doubleday
 has not started please see
 that he does so on receipt.

of this.

Why does Conant not write to us. We do not know what he is doing. How many meters of each kind has he in? When was the first meter put in? Are all consequences connected working with a meter? If not why not?

That paragraph in the Sunbury Daily was scandalous. The wiring was expensive but a local man could not do it cheaper. The trouble is even now a Cheaper System of wiring is being got up. Conant has started out by getting up a Cheaper Private which Conant has taken with him tonight which I think you will like when you see it.

If you can assist Hannington
in any way, please do so. He
will be at Shamokin tomorrow
(Tuesday) & will be at Lehigh
about the end of the week.

If the Lehigh people want
you to commit yourself on
the inside winning ~~do not do so~~
& do not let any of our people
say anything against it to any
of the local people.

Very truly yours

Saml Ingham

30th July 3

Dear Mr. Manning,

I forgot to speak to you today about a new boat at Lumbury which Mr. H. M. McCumie, the President of the Lumbury Company wrote me about. They want it immediately. I think you had better communicate with Mr. McCumie (whose address is Williamsport Pa) about the matter. What the Lumbury Co. will do about it I do not know. Since they have passed a resolution about not allowing the Lumber Dept to do the work. This resolution was published in the Lumbury Daily of July 25th & is to my mind a most scandalous thing on the Lumber Dept. If I were you I should communicate with McCumie

+² allowing such a thing
 to be published. I fancy those
 local people must be using your
 material at Lumbury; you want
 to look into this & remove your
 material so I am going to close
 up all Lumbury matters as quickly
 as possible & after sundown
 because these your materials will
 be at the mercy of the local
 people.

Don't forget to get an exact
 record of time lost ^{by delay}
 in getting ^{at Lumbury} poles up & all such
 troubles running your men up
 so that we can make a good
 showing you the wiring dept
 on this job.

I want the bare wire
 shipped back that remains
 over at Lumbury & if this has

not been done when you get
there. I have written instructions about
it. Please see it is done right
away.

If you are tied down at
Champlin you might get
instructions to him over to see you
if you want to consult him
now if there is a telephone
line through to Sumbury get
him on the telephone. I think
there is a line between the
Exchanges in the two towns.

Get me hear all about the
state of the work at Champlin
including the Central Station

Yours sincerely

Paul Smith

July 31st 3

Wm. A. M. Connors Esq.
President, Edison Elec. Works
of Dunbury Penna.

Dear Sir:

I beg to enclose your herewith
statement of account for the installation
of a Central Station Plant at Dunbury
amounting to \$1988.⁰⁰

This installation has been made in
accordance with the agreement between
your Company and myself, dated the
Eighth day of May, and I shall be
glad if you will please send me
by return mail cheque for \$598.⁰⁰
being one half of the total cost

~~22.7.1901~~

cost of the plant and which payment was due when the installation was in condition to supply light.

Referring to the item on the A/c for Engines and dynamos I beg to state that the dynamos installed at Sunbury are what is known as our old L machines as explained to your Mr Shaw at the time the contract was made with me.

These machines were installed subject to my right to substitute for them new and improved machines which are now being designed.

These new machines will have

3rd

have
the same capacity as the L but
were it my intention to leave the
L dynamo permanently at Lunenburg
I should be compelled to charge
from four to five hundred dollars
more for the two machines. I have
however put them in at the same price
with a new pair of machine which will
replace them as soon as we have
built some -

In addition to the items specified
in the enclosed account it will be
necessary for your Company to purchase
three ③ pressure indicators and
five ⑤ house changing switches

*344

Switches
the cost of which will not exceed
\$1000; there are now being made
and will be sent to Dunbury
as soon as ready and billed to
your Co. in addition to the
O/c now enclosed.

As this plant has been installed
at prices which allow of no profit whatever
to myself I shall be glad if you
will comply with my request and send
me cheque for the amount due by return.

I will let you know in the course of a
day or so when I shall be prepared
to hand the plant over to your representatives
and when the remaining balance on the enclosed
O/c will be due.

A. A. Johnson Esq
 N. Y.

1 Aug 8

Dear Sir,

I received your favor of
 28th ult & note that you have
 at last bought a lot for Central
 Station. We shall now be enabled
 to get out the estimate in the
 course of a few days as there
 can be no cause for further
 delay.

Yours truly

Thos. A. Edison

, Aug 3

Geo W. Lathrop Esq
 Worcester
 Mass

Dear Sir

North Adams Census, your data as given will not enable us to estimate the number of lights in the following places. Can you give us further data:—

Block 2 State Street N. W. Side at Main, Hotel next to a wholesale grocery sales & Hotel just beyond marble works.

Hotel S. E. Side State Street near Summer

Wilson House Main Street near Holden.

Thus you will see there are four hotels we want information on.

Does the Eagle Mill use much light at night & does any other mills at N. A. do so

Yours truly,

Samuel

19 Aug 8

Spencer Borden Esq
 Manager N. B. Dept
 C. C. & Co

Dear Sir

Your favor of 30th ult. is duly to hand & I note your request that tickets & brochures be ~~not~~ canvassed after the towns you have already named.

I have written Mr. Road concerning the work there which will go on in due season

Yours truly

Thos. A. Hanson

1 Aug 8

W. S. Andrews Esq
City Hotel
Cumbury, Pa

Dear Sir,

We are surprised to learn from outside sources that Doubleday has had charge of the wiring at Cumbury. How was this? Mr. Doubleday is in Mr. Edison's employ & yet he takes hold of work at the instance of the Cumbury Co's Directors at a time when Mr. Edison is expending himself very strongly to those Directors for the course they have taken in connection with the wiring. Under such circumstances it seems very strange that one of our own people should take charge of the wiring there.

whose material was used for the wiring done by Mr. Doubleday? Who authorized Mr. Doubleday to take charge of the wiring & who paid him for his time occupied whilst attending to this work. If you can answer these questions you will greatly oblige me

Enclose you herewith check
for \$50.00 to cover expenses

I desire to know the exact
date each meter was put in
the number of lights each consumer
has and if any consumers are
without meters & if so who & why
Conank does not give us any
information except of a very
general character & yet what
we require from both you
& Conank is detailed information.

We do not know how many
lights are connected; nor how
many meters of each kind are
used; nor how many customers
are being wired for connection;
&c &c

That man who wants \$67⁷⁵
must wait till we get paid by the
Lumber Co. Let him growl.

Yours truly
Samuel D. Smith

1 Aug 8

Thos. P. Conant Esq
City Hotel
Sunderbury

Dear Sir

Your favor of 29th inst.
came duly to hand. I enclose
you check for \$25⁰⁰ on account
of your expenses.

Note what you say
about Sulphate of Zinc & mercury.

I have ordered fuel Sulphate
of Zinc to be forwarded to you.

I have written to Mr. Andrews
as to what information I desire
from you regularly. You must
remember that we desire to get
from you every detail as to your
work & I hardly think we ought
to be required to keep pressing for
such information.

Yours truly

Saml Smith

to visit the Governor
Hutchinson's

the weather was most disagreeable
company toward Henry coming
after not dancing at Wilmington
to with opportunity you saw
get in waiting for that evening
ance & give the
of the

17
-6.
P. M. 3m.

Aug 2^d 3
to P. Huntington
Evan, Peter & John
Hawthorne

Have now little to write
ship back everything at
during as usual
Reynolds as usual

34
17
17

My dear Sir

I am glad to hear
you are in London

Yours truly

William Pitt

to the Hon. the Secy. in Council

London

Aug 2nd

Mr. F. Moore
Edwards & Co's
Louisville Exhibition
Louisville Ky.

After 1st Railroad People
were into through building
providing with first class
rooms and that they were not
just signs on wooden signs
of our any longer as: *concrete*
with

Edwards.

7th Aug 8

Geo W Lullbur

Waldo Hauser

Worcester, Mass

Dear Sir

I beg to give you below list
of towns you are to canvass in
the order in which they are
named.

Natick Mass

Palmer "

Spencer "

Northfield "

Westborough "

Webster "

Southbridge "

all in the

Territory of

Spencer Borden.

If you have any knowledge
of these towns you might write
Mr Borden giving him some idea
of the probable dates that

we will be at each town

Yours truly

Samuel C. C. C.

Aug 4th 3

W. L. Andrews Esq.,
County Hotel
Sunderbury Pa

Dear Sir:

I send you copies of Examiner
papers I propose to use in hiring our
Central Station men -

Please number each question, and answer
them very fully on other sheets giving as
many answers as you can to each question
and return both to me at once -

I am sending these to several of the
boys to get a variety of answers -

Yours truly
H. A. Linton

Aug 4th 3

Thos. P. Conant Esq
City Hotel

Dear Sir,

I send you a list of meter questions which I propose to use in final examination of meter men taught by you. Please number the questions and on other sheets of paper place the answers also numbered, and return to me.

I have sent copies of this to several of the other teachers to get as many answers to each question as possible.

Yours truly

J. P. Conant

Aug 6 '3

Westville

52 & 54 Mutual Ave

Chicago

Look for instructions
to Eugene Mendota
when through at
Reine

Edison
8

Aug 6 '3

David Howell

City Hotel

Sanburg's

Common telephone

as follows:-

"Please make by message

this morning mail

maker too late."

What does it mean
late

Aug 6th 3
 Begun on the 13th
 1899

at the same old station point

Julia C. John Davis
 Jan 3rd Thursday 1899
 for Stambridge N.

Aug 6th 3
 Stuart

54 West Street St
 Cincinnati O.

Want to await the
 determination of

Madison -
 think it better than

San Francisco
 the better
 than the City of
 Hamilton

Cham
 1899

Page 26
 1899

Aug 6/ 3

W. H. Andrews Esq.
Certy Hotel
Simsbury Pa

Dear Sir:

Don't forget that a man may
have fifty lights - that is, wired for
fifty lights and yet he may never
by any possible chance have more
than thirty burning hence you
must always ascertain these
chances and make the service
for this and not the whole fifty -
yours truly

W. A. Edison

Aug 6th 3

Chas. B. Flint Esq
 10 Cal Sherman
 City

Dear Sir:

I regret to say
 that I have an engagement
 tomorrow morning -

How would Tuesday Evening
 or Wednesday morning answer?

Yours truly

~~James A. Edison~~

Geo. H. Bliss Esq
57th & 53rd La Salle Ave
Chicago Ill

Aug 6/3

Dear Sir:

I am in receipt of your
several favors of 22nd & 24th inst.

I am obliged to you for the information
in reference to coal at Iowa City
and note your remarks in reference
to water power.

In regard to Mr G. E. Morris
I shall be pleased to see him
and hear what he has to say in
reference to his underground
induit system.

I have instructed Mr Cooke,

my Carwasser, to go to Mendota
Ill., and see Myers Curtis
& Kude as soon as he is through
at Racine, which will be
tomorrow evening. (7th).

Yours truly,
John A. Quinn

S. Bergmann Esq
292 Ave. B
City

Aug 6th 3

Dear Sir:

I am just in receipt of a
telegram from the South from Memphis
Tn: in which he requests me to tell
you that he gave Johnson one hundred
dollars for his pay roll.

He also says that plug switches
for truck lamps must be larger.

Yours truly

Aug 6/3

Home Behind, Wailex
 30 Collard St
 City

Dear Sirs:

Will you kindly send
 me at your earliest convenience
 blue prints of two 120 TR
 trailers set in one battery
 cable's

Yours truly
 J. W. A. Adams
 J.

Chy 7th 3

A. Stewart Esq
54 West Front St
Cincinnati, Ohio

Dear Sir:

I beg to enclose you herewith
blue print of Middletown and shall be
glad if you will let me know as soon
as possible what lots can be obtained
within the red circle.

We want about 25' x 100' for a
Central Station and cannot figure
clearly on our Central Station or
the size of the Conductors until
we know where the lot will be
located. The best way will

#2
A.S

will
be for you to get us a number
of lots with prices and size of
each and then we can choose the
one which is the best adapted
for our business owing to its
position &c. We do not want
property on a front street; we
want the cheapest property that
can be obtained within the area
mentioned.

I shall hope to telegraph
you, before you receive this a
rough estimate of the cost of
putting a station in at Middleton.
Hamilton would be one of

#3
A.S.

of the most expensive Stations
that could be put in for its
size owing to the build of the
town and for this reason I
have delayed action with relation
to it in order to see whether
Middletown would not be
much more preferable than
Hamilton - which it undoubtedly
is.

Yours truly

J. M. Smith

1st Aug 8
 Frank H Mc Cormick Esq
 President

Eaton Electric M Co Springfield

Dear Sir

I have talked with Mr
 Eaton as promised about
 your wiring business at Lumbury
 more especially with relation
 to the wiring of the Hotel now
 building there. We find that
 it is impossible for Bergmann
 & Co. having Dept to send a
 man to Lumbury to wire the
 Hotel at a less sum than \$974
 for the 97 lights. I do not mean to
 state that it is impossible for
 the work to be done at a less
 figure but simply that B & Co will
 not make a firm bid to do the
 work for less taking into account

the wish they were in making a
firm bid &c.

With reference to providing
you with a man to teach some
local man how to do the work
Mr. Edison has arranged with
Reymann & Co to supply you
with a competent man for this
purpose (if you so desire) for
a period of thirty days at
\$1.00 per day & the mans travelling
expenses (R. R. fares & incidentals) in
addition. This amount ^{per day} would
cover the mans wages and board
while in Lunenburg, he could take
full charge of your mining & bring
break in the local man & the
work the longer & qualify him to take
charge of the ^{local man} ^{leaves} Greenfield. Mr. General manager
of the Mining Dept. informs me

That the best man you could
 choose for your line work
 would be a Carpenter who is
 used to jobbing work. He would
 have the necessary mechanical
 skill & ^{the} man would impart to
 him ~~that~~ little Electrical knowledge
 as is necessary. Bergmann & Co
 man would also give the Engineer
 who is to have charge of your
 Station a general insight into the
 wiring business so that he could
 control the prices of the local men
 who would do the work & see that
 your customers are treated fairly.

Mr. Carson is still very positive
 in his belief that your company
 would make a great mistake to
 take the wiring in their own
 hands for reasons stated to you
 by me last night. But by following
 the course suggested above you

4/
would get your wiring done
& the consumers would be responsive
to an outside man for their wiring
bill. That man would be no charge
to you as he would take the
wiring work simply as part of
his other business. You could
control his prices as your
Engineer would be familiar with
the work & so know what profit
he would make. Each tender he
makes should be vouched for as
correct by your Engineer & this
should be understood with your
Customers.

As to the material to be
used Bruggmann & Co would sell
it to your company at the same
price they charge our companies
here i.e. their catalogue prices reduced
to a discount of 25%. Then you
could sell this material to your
wireman at the same price or if

you desire to at say 20% discount
 & keep 5% for yourselves to cover
 any expense you may be put to
 by your Engineer ~~keep~~ giving a
 small part of his time to the
 work.

As to the wine you will use
 as you will want to purchase
 it in small quantities & could
 not consequently get it at such
 good prices as our people can.
 I think we could arrange for
 you to get it from Borgmann & Co
 at regular prices in consideration
 of your purchasing from them
 when necessary material. This
 would insure your getting the
 right quality wine at exactly the
 same prices as if you bought in
 large quantities.

I have nothing further to
 report to you as to cheapening our
 system of working but I am assured

god that every thing is being
done to attain this desirable
result.

If you decide to adopt
the course I have mapped out
Mr. Lamon would be glad if, before
closing with a local man, you
would consult Mr. Andrews
as to the man's suitability, for
the work & also consult the
man to be sent by Baumgardner
as to the matter.

Hoping this may help you
out of one of your troubles &
assuring you that we shall at
all times be only too happy to
render you assistance

I remain

Very truly yours

Saml. Ingersoll
I have sent copy of this to Mr. Lamon

9th Aug 9

John Kuczi
 Insurance
 Electric Tube Co

Dear Sir,

wherever we put an ~~insurance~~
 system in we ought to provide
 the necessary tools to enable the
 local company to make the
 necessary repairs & additions
 to their system.

would you please let
 me have a list of such tools
 as you think would answer
 the case together with the
 cost price of same

Yours truly

Samuel Smith

Aug 7th 3

A. B. Johnson Esq
 Utica
 N.Y.

My Dear Sir:

Mr. Insell informs me that he
 promised to send you the Utica estimate by
 yesterday's mail. It was ready to go but the
 estimate amounted to about \$75,000 and I
 purposely kept it back in order to try to reduce
 this amount. To do this a great deal of figuring
 is required in connection with the numerous mains.
 This work is not quite finished but I think
 we shall get through tomorrow when I will
 telegraph you the exact amount of the estimate
 and mail you the details.

Yours truly
 John A. Edison

August 3

W.D. Krich Esq.,
Hotel Palmer
Brackton Mass

Dear Sir:

I want to order the ^{valve} steam
piping for Lawrence Central Station
and in order to do this it is necessary
that I should know exactly how
the Engine and boiler which are
already at Lawrence are placed.

I send you a plan of the Station
and shall be glad to know if
the Engine and boiler are as re-
presented in this plan and also
if there is any steam or exhaust
piping already there which can

be utilized by us.

If this plan does not show.
Everything properly you might
send me a rough sketch of
the interior of the station as
it now stands -

Yours truly

Samuel

Felt

August 3

W. D. Rich, Esq.
 Brockton, Mass

Dear Sir:

I was at Shamokin, Pa. Monday and Mr Marshall promised me faithfully that the building would be roofed in and floor down by Monday next so that if you are there on that date your work can be proceeded with. Notwithstanding his absolute promise, if I were you I would wait further advice as to the thing.

I think the best way would be for me to let Andrews to run over from Sunbury to Shamokin to see if every thing is in shape on Monday next.

I will have him telegraph me and will then wire you. How does this see you?

Very Truly Yours
 Samuel Beall

Sun of 3

W.D. Rich Esq
 Brockton
 Mass

Dear Sir:

In the equipment of
 Brockton Central Station it is
 necessary that you should furnish
 a wash tank for workmen as
 we agreed to do this in our contract.
 The cost however must not exceed
 \$10⁰⁰ -

Yours truly
 Saml. Insull

Personal

Aug 3

Spencer Gordon Esq
 Herald Building
 Boston, Mass

My Dear Sir:

I find that the information
 we have in reference to Mascin plants -
 and of which I believe you have a
 copy - is doing us so much good
 that I consider it very desirable
 to prepare an appendix.

In order to do this I should like
 you to get an officer of one of the
 numerous mills in your vicinity
 to write on their official paper
 to a number of the patrons
 of the United States Col.

asking information about the plant,
whether it is satisfactory or, which
letter you could prepare yourself.

I am sending you with this
a Catalogue of the States State
Company and have marked in
pencil the firms I should like
written to - When answers are
received you could forward them
to me and I have no doubt they
will contain information very valuable
to us -

Kindly let me know if you can do this
Sincerely
Thos. R. Edison

Aug 9th 8

W. S. Andrews Esq
 City Hotel
 Sunking

Dear Sir: I notice, from the coal bill sent with your letter of yesterday, that from July 2nd to 28th you have consumed at Sunking twelve (12) tons of coal.

If you will calculate the amount per horsepower I think you will agree with me that this is an enormous quantity of coal to have been used in that time.

I imagine somebody must cart it away at night or else you have terribly bad firing - please give me some theory & figures

Yours truly

Thomas Edison

38 hair 81

Aug 9/ 3

W. A. Andrews, City Hall
Shelbury House,

We cannot order any more
material for shelbury as our
accounts are closed and
bills rendered. You must
communicate with Mr. Mass
in Kansas, or any other material
you require. Don't order any
thing more now account
closed.

Wm. C. Howell

W. A. Andrews, City Hall
Shelbury House,
W. A. Andrews, City Hall
Shelbury House,
W. A. Andrews, City Hall
Shelbury House,

Estimate for the Erection of Edison Electric 336

Central Station Plant

at

Utica N.Y.

3200 lamps of Ten Candle Power Each

Boilers

One pair of 126 Horsepower Babcock and Wilcox Boilers
set in our battery: Setting for 126 HP boilers
including materials: Bottom Foundation for
Two 146 H.P. Boilers: Boiler Skids for two 126
Horsepower boilers: One No. 3 Boiler Feed Pump:
Foundation for Feed Pump: Two No. 5 Lifting
Hydrants: One No. 32-144 Feed Water Motor: Four
for heater: Skids for two 126 H.P. boilers:
Foundation for same: Hoisting and guying
same.

10137

Engines &
Dynamoes

Two 14 1/2 x 13 Lawrence Engines with 25 H.P. shaft
One 8 1/2 x 10 Lawrence Engine with 25 H.P. shaft
Unpacking and setting up same: Two
Foundations for 14 1/2 x 13 Engines: Foundation
for 8 1/2 x 10 Engine: Two Foundations for 12 1/2 x 13
Engines: Foundation for 12 1/2 x 13 Engines: Foundation
for 8 1/2 x 10 Engine: Foundation
bolts and pipes for 8 1/2 x 10 Engine: Foundation
bolts and pipes for two 12 1/2 x 13 Engines: Five
500 light (10 Candles Each) Dynamoes: 24
Extra bushes: 25 sets for 500 light dynamoes
including splicing: Unpacking and
Setting up Five Machines -

15172

All work done as shown

25, 30g

Prot Ind

Boiler Engine
 Two Condensers
 One Tubular Steel Ransom for 250 lbs of Coal and
 Two Shafts: Boiler Ladder: Water piping
 to Canal: Water piping from Steel chain
 to boiler, Reiter and Engine Room and to
 bearings: Two Sets of oil Cans and traps:
 Double Oil Cabinet: Mantle Glass and double
 dial speed indicator: One 24" bar: Six Tubs:
 Two cranes: One Machine and Hand Hammer:
 Two Cold Chisels: Two Scrapers: Two Drills:
 One pair 11/16" 113 Brand pin bolts: One pair
 5/8" 110 Brand pin bolts: Two pairs other
 bolts for 500 Light Squares: Steam Connection
 from Boiler to Engine, Pump and Two
 Injectors: Exhaust piping from Engine through
 boiler and from Pump to Main Exhaust Pipe
 and covering for Steam Pipes -

Inter-Relay One Band of six Solenoids: One Solenoid
Self-Relay Armature switches for same: Two sets of
 regulators for Air Machines (Three each):
 Ten Air Machine switches: One dynamo switch
 for changing current: Ten house hold-
 ing switches: Eight Feeders
 -creators: One main Relaying
 Machine Indicator: Equalizer
 for Feeders

2,994

256

29359

Carried Forward

Great Forward

3380

Thirty Water Joints: Thirty for
 Water Lights: Ten for Twenty Four Lights:
 Two for Fifty Lights: Two for one hundred
 Lights: Fifty extra screws for water
 Fifty extra Plates and Riggers, attached
 One Retort Stand and Funnel: Still for
 distilling water, capacity two gallons:
 Two Hydrometers: One dozen Test Tubes
 assorted: Balance for weighing extra
 Plates with set of weights: Druggist
 scale with Tin Snop: One Thermometer:
 One brasselled lead for water Plates and at
 three one-gallon bottles: One two-gallon glass
 bottle: One scaling tool and two scales:
 10 lbs sulphate zinc: 10 lbs distilled
 arsenic: 5 of marine blue: bag of
 chemicals and one hen for distilled
 water.

756

Temporary Joints: Temporary Joints with seals and
 Shades: 100 joints for insulating
 Chandeliers

750

Building for Building Outlines, Water Room,
 Engine Room, Regulator Room, Engine
 Room, Water Room and necessary
 fittings

Comes Forward

3390

35263

Back Forwards

35,26339

Street
Installation

Undergrounds: Manholes, Feeders, Junction
Boxes, Service Boxes: Compounded for
same, opening street, laying tubes and
refilling Ditch as per red lines on map
marked Exhibit B: 1250 ft of tubing
for service laid, complete.

30,642

Summers

Carrying feeders to Smith's Station
Carrying pressure wires to indicators and
tapping for electrical connections in station:
Tapping and fixtures for fifteen lights in
station: Special frames and special cabling
for use in conducting business office functions
back land from new. One water closet: Freight
and baggage: Clerical work: Engineering Re-
ferences: Handling travelling expenses in connection
with direction of system: Carousing for
making map and electrical determination
representation of construction of building
and direction of system: Necessary tools
for repairs to underground conductors and
to put in services.

4,752

Stationing
Station

Stationing of District, during Engineering Office for thirty days
to back permanent Engineer: All travelling expenses for
supplies for thirty days - fuel: with station tools: 10
gals of kerosene @ 2.00 per gal. @ 2.00 per gal. of oil
and for each. wages for one month of permanent
employees and maintained expenses.

2,149

72,836

20th Aug 8

A. B. Johnson Esq
Secretary

Edison Electric Illuminating Co
Utica N. Y.

Dear Sir,

I enclose you herewith
estimate for the erection of
a Central Station Plant at
Utica amounting to \$72886⁰⁰
I also enclose you herewith
Blue Print on which is marked
in red lines where the Street
Mains will run.

This estimate includes not
only the equipment of the Central
Station & the Street Mains and
Poles but also enough Service
Piping to make connection between
the Mains & Houses of fifty
Consumers. and further all
expenses in connection with

running the Central Station for
 a period of thirty days after
 the Station is started including
 all supplies, and wages of permanent
 employees and experts to teach
 those employees, so that if you
 decide to give me the Contract
 your Station will be run for
 you thirty days & you will be
 insured employees capable of
 running it after our men
 leave owing to the instruction
 given by my experts.

This estimate does not cover
 the wiring of Houses but it does
 cover the expenses of an Expert
 who will teach a local man
 to do the work. The exact method
 of dealing with this work will
 be explained to you by myself.

the next time I see you

Before signing a Contract with
your Company for the performance
of the work I should require to be satisfied
that money, sufficient, to cover
such payments due me under
the Contract, is in the Treasury
of your Company, or else the
personal guarantee of three
members of your Company
acceptable to myself in order to
insure me against loss in as
much as the material involved,
& which I will be obliged to carry
for a considerable time, well
amount to a very large sum.
If your Company does not close
a contract with me within a
period of thirty days from this
date the enclosed estimate must

be considered as withdrawn.

I think the justification for the delay in forwarding you an estimate is in the fact that I have been able by going over the whole matter in a most exhaustive manner to reduce the estimate about \$11,000.

The day you saw me I saw we effected a reduction of \$8000 bringing the estimate down to about \$7000 the amount I asked you of. Since I wrote you we have managed to effect a further reduction of about \$3000. These reductions have been made mainly by a rearrangement of the underground system so that you see the delay since the position of the lot was determined on has been solely in the interests of your company.

Yours truly
 Thos A Edison

The only thing I can say is that I have been able to reduce the estimate about \$11,000.

10th Aug 7

A. B. Johnson Esq
Edison Electric Ill Co
Utica N. Y.

Dear Sir,

In my letter of even date
I find that I have omitted to
state that in case your Company
close a contract with me I shall
require twenty five per cent
(25%) of the amount of the Contract
on the signing of the agreement
fifty per cent (50%) when the
Installation is ready to supply
light and twenty five per cent
when the Installation has been
ready to supply light thirty
days yours truly
J. A. Johnson

10th Aug 3

D. S. Mackay

Delaware House

Albany

Estimates mailed

by mail set of mail

Total Twenty two thousand

eight hundred thirty

du

Samuel Swasey

10th Aug 3

A. B. Johnson

Utica, N. Y.

Estimates mailed

Total Twenty two

thousand eight

hundred thirty

dollars

Phoeb. Leason

10th Aug 3
 G. H. Davis

~~Wilmington~~

Whom shall supply
 to for information
 about ~~Robertson~~
 and ~~Boileau~~
 Central Station via
 Mrs. A. Davis

10th Aug 3
 A. Davis

5th and 6th
 Cincinnati

During to eastern
 migration Central
 Station for
 Mrs. A. Davis

10th Aug 9

P. B. Shaw Esq

State Manager

Hudson Central Station System

Dear Sir,

I send you by this mail
Blue Print of Lockhaven with
red pencil circles within which
it is desirable the Central
Station should be located. Please
give me a look of lot with eyes
pieces & other particulars & mark
lot on map & return same to
me at your early convenience
with all data required.

You now have maps of
Belleville, Lockhaven, & Danville
in each of which towns I want
information as to location of
Central Station lot. You have
also estimate of ~~Danville~~ waterworks
& there is the Danville estimate

about which I sent you notice
 of withdrawal
 will any of these towns
 have contracts closed before
 frost comes
 Yours truly
 J. M. Smith

Our capacity for clearing is increasing



27 Aug 1873
Aug 12/3

W.D. Rich
Not to Palmer
Drocks has two

Andrews says it is from
from Hamilton -
Butler says it is from
roof to under
tight. Says it
is the same as
one in the
mar.

Shut shell

A. H.

D. H.

cin
at
the
you
\$50

18th Aug 8W. J. Jones Esq
Manager

Edison Electric L Co of Boston

Dear Sir

we have not yet ordered
our wire for the 100 line part
of the Proctor Installation where
we were not sure that the
permits to obtain the poles
could be obtained.

If you think we shall
be safe on this point we shall
like to order the wire right
away.

I will you please advise
us as to the matter by return

Yours truly

Samuel Insull
Private Secretary

18 Aug 8

Spencer Borden Esq

Manager

New England Dept
S. E. E. C.

Dear Sir

~~Let~~ send you by same mail
Blue Print of Pittsfield maps
with red pencil circles marked
thereon. Please have information
as to lots within the circles ~~and~~
statements sent us giving price
size nature & location of each
lot & also within map with lots
marked thereon.

Map of North Adams will
be sent to you tomorrow in all
probability.

We have been disappointed
in getting a man to send to Boston

we have however to get a man
in Newburg & as soon as he
gets through there we will send
him to Portland

Yours truly

Saml Russell

Private Secy

Have not yet recd Hodgkinson's
second report on Norwich.

What are the prospects at
Fall River & Lowell. will they
be put through in time to get
both plants installed before frost
comes on?

of Aug 3

A. Stuart Esq
Secretary

Ohio Edison Installation Co

Dear Sir

I have your favor of 10th
inst.

I regret to say I cannot send
you a rough estimate of installation
but immediately we get Central
Station lot location we will
push the estimate through & will
not lose one moment in
advising you of the amount.
This same remark applies to
your other towns all of which
we will hurry forward as soon
as we have definite data.

The Photographer has disappointed
as to photograph of a machine

so that I cannot send it to
you today as promised. Immediately
I receive them however I will send
you a copy

Yours truly

Thos. A Edison

13th Aug 9

A. Straus Esq
 Secy Ohio Installation Co

Dear Sir, we have the pleasure to
 send you by this mail Blue Print
 of Washington C. D. with red pencil
 circles thereon within which we
 shall be glad if you will indicate
 some central lots for central
 stations & return map together
 with particulars of any lots you
 may be able to get

Yours truly

Samuel D. Webb

Private Secretary

I find Ingers map cannot go forward
 till Wednesday.

Aug 18 3
 Frank & Son
 Bankers

We are expecting ship
 for London this month
 & have returned on wing
 ship

Samuel Chase
 Jun

12 June 1837

August 1st
 Dr. Colandrea
 Men's Park, Wf
 Come over and see me
 immediately
 J. R. Edison

Aug 10th
 Frank & M. Bonnick
 Williamsport Pa

Arrive home yesterday
 asking if check mailed
 as promised me at
 meeting - Received rather check
 new reply - Please explain
 what has
 about
 Samuel Spruill

23 paid 99

4)

Aug 15 /
Thanks to
— Lundbury
— Jannet

Almost everywhere a big
 glut of wheat - not
 much in quantity
 but in quality
 Texas & the south

Yours truly

23 find 22

James O. ...

15th Aug 8

Andrews.

Your answer to questions received
 have not been done them yet. - about the
 right value to carry as the load gets
 lighter you can easily work that
 out as well as any one. - knowing the
 number of Consumables & their light &
 the time you can always tell in a small
 town like Sunbury what load you
 have on within 10 percent. ~~the~~ The
 drop in the house and on the service
 don't count one way or the other when
 there is a heavy or light load because
 if every body but one place was closed
 there would still be the drop for that
 place on the service & yesterday
 Sunbury is used for 15 & 3 drop
 hence you can make a table. & you
 never should make a sudden change
 in volts @ running for a week or one

(2)
the village lamp, we are making now
are far better than before. The party was
picked up in Hamburg, Germany, in a
few days its entirely about trying to
run & expense. You can get hold
of a likely young fellow at about
for 1st per day & no expense - I
must run this by as an economical
case or direct abroad the night

pressure & then suddenly drop down
 it wants to be done gradually so
 they will not notice it - just at
 dusk when ^{the pupil's} people's eyes are very
 much contracted by sunlight & the effe-
 ct is more pronounced. The pressure should be a
 little higher and when it gets fully
 dark the pressure may be gradually
 diminished because their eyes
 are doubly as sensitive. This
 is a great reminder at our central
 station there is a great deal of gas
 consumption that we increase our
 pressure as it comes dusk. As the
 light comes up brighter & this of
 course as their eyes become
 more sensitive = 112 volts is the
 highest volt made of village
 lamps hence they will not have the
 life that 109 @ 108 will have -
 undoubtedly they have at times be-
 run very high & this has taken the life
 out - don't run them too low - but
 be careful not to allow them to run too
 high we will give you better lamps soon

15 Aug 3

Andrews

Does your Engineer ~~imply~~ ^{mean}
 thoroughly understand the operation &
 allusion sent me

Colonel

15th May '73

My dear Sir -

I am sorry to hear that the weather will
be so bad for you - I hope you will
have to wait some time
I am sure you will be very
glad to see me at my arrival ~~that~~
I can purchase enough for 2500 of
handkerchiefs to suit your
purpose - I am
Yours truly

25th Aug 3

Comment

Your answer to Q 20 is not sufficiently explicit
 Suppose you were asked to cut in a Gas lamp
 who was rated for 10 lights, you should ascertain
 how night, beforehand, by looking into his
 place the exact number of lights burning,
 say at 8 530 gas & until he closed
 the same as we make a canvas robe he
 might be rated for 50 lights he might
 never use out 10 at one time = The greatest
 fault in this whole business is to know
 before you cut a man what is his
 lamp hours & after he is cut in for
 2 or 3 days to also ascertain the
 electric lamp hours, by this means
 you can closely calculate what his
 bill ought to be & if he is using
more lamp hours with our light than
 with gas - If he is he ought to be
told off - The statement made that if
 he expects a comparison with gas he must
 run it the same & allow to him the extra light
 he is burning by the means you will

present a misunderstanding about the bill
at the end of the month - this is highly
important for if it is not done they
will invariably run more Electric &
then make a comparison at the end of
the month between our bill & the gas
bill - from the gas lamp hours you
can ascertain the proper meter to use
Our Casseres after Shamaken &
Brochita will show the number
of pots actually burning in each
customer house every 30 minutes
until he claims them as free. The
Casseres you will know what meter
to put in & also in probable bill
but soon then when he commences the
Electric a new Casseres should be
made to see if he is burning it on
the same basis of estimating
promptly satisfied what to expect
if this is done the Customer will be
satisfied for all time if not it seems
from experience at our Central that
he never will be
- answer to 20 you suggest the case
I want to know without supposing.

2

In answer to 34 you state my sulphuric acid
will do - I do not think so - ordinary Sul-
furic acid is full of lead, iron & arsenic & Sul-
furic acid is large quantities of organic matter
from the air so it clogs by carbon
the organic matter - you remember that
every time we placed in bottle containing
organic matter at laboratory got very
bad - you should use pure acid it
can be sent from Neph.

The Quin in 67 - was so well the bottle
fit into the wrong meter ~~not~~
~~the~~ ~~meter~~ as well as the other if
it will two bottles have clamps or
something so changed that it will be
hard to get the bottle in the wrong meter
give me your suggestions in this case.

In answer to 77 shows diagram of
how you would connect meter where
only had 3 wire served & light to in
bottle meter - it is entirely wrong
send me another diagram.

your answer 179 is wrong we use a
resistance lamp of higher volts
than the regular lamp for heating
the meter - 75 pct of the heat comes
off at a red & this is quite
sufficient. The Resistance Lamp are
descended lamps from the factory
are sold for 25 c Therefore they would
be of higher V. to give them life

In answering 72 you suppose the
Party had a previous bill for you to
judge by - now suppose he had not
how then -

~~the~~ The mathematical part of your
answer I am having looked into
if these are right then your answer
is astonishingly correct.
your Census is constantly swelling &
will the occasion

Edwin

Aug 15/3

Thuart E. J. Secy
Ohio Edison Installation Co
Cincinnati Ohio
Dear Sir:

I have your letter of the 13th inst
and beg to inform you that lot 30, 1000
on block 18 east side of Broad Street
250 ft south of 3rd St price \$1000 is the
lot most suited for our installation
at Middletown. We shall go ahead
and make out estimate assuming that
you will get this lot: as soon as
the estimate is ready we will telegraph
you the amount of it and send details
on by mail -

Will you please inform us if
this lot is perfectly flat and the
soil soft earth; whether there is
city water at Middletown ~~or~~ or

#2

if we shall have to dig a well.
The district I have picked out,
as the best in Middletown, will
require a plant of about 1600
lights.

Will you please telegraph me
this information as soon as you get
this letter so as not to delay the
estimate in any way.

I will make up our estimate for the
immediate use of the location
for Central Station &c.

The Piqua map has gone forward
to you by this mail. We expect
to get the ^{of signed} Canons from McDyer
some time about the 22nd of the
month and we will push the map
through as rapidly as possible and
I don't think you will have any

#3

further complaint as to delay as
 the lengthy part of the work
 in each of your towns so far
 canvassed has now been done
 and in a very short time I
 hope we shall have placed
 some three or four Estimates in
 your hands - of course we are
 depending on your getting Central
 Station lots quickly as we are at
 as handshill with relation to
 each town ~~of~~ except Middleton.

Yours truly
 Wm. A. Edison

Aug 16/87 3

Frank & Maria

Amherst Pa

Thanking you for
amount but no
cheque or letter from

you

Thos A. Brown

Aug 16/ 3

A.B. Johnson Esq, Secy
 Edison Electric Illum'g Co
 Utica, N.Y.

Dear Sir:

Referring to my letter to you of the 10th inst. enclosing estimate for the erection of a Central Station Electric Light Plant at Utica, station to be on your plat of ground at the corner of Post and Charlotte Sts, I beg to enclose you herewith amended estimate amounting to \$63,329.

I have been enabled to reduce this estimate by reducing the amount of conductors and cutting out several other items in the estimate.

As stated at the head of the
 Estimate

#2

Estimate the freight and Cartage, if you give me the contract is to be paid by your Company but the method of transit is to be solely at my option.

Enclose your form of agreement which I would propose entering into with you in the case of my estimate being accepted, and also map showing in red lines where it is proposed to lay our conductors. You will further find enclosed blue print of the general arrangement of the station and rough notes as to the nature of the building.

The ground plan of the
Station

#3

Station which you now have will supply you with further information on this point.

If your Company desires to get the plant started before the frost sets in it is absolutely necessary that the matter should be settled in order to enable me to order my material and have it ready to make the installation before the ground is too hard for us to lay our mains and feeders.

You asked me for an explanation as to why the boilers were placed close to the corner of the building. It is done in order to deliver direct as possible into the stack.

204

stack as if placed in any other position it would be necessary to carry a long flue from the boiler to the stack and thus greatly increase the cost far more than the extra length of steam pipe which with the proposed arrangement we have to use.

Mr. Jones hopes to have got off the estimate to you yesterday but refrained from doing so in order to make as great a reduction as possible in connection with the estimate. I would suggest that you telegraph me your decision as to the matter in order that I may make the necessary preparations and enable me to issue my orders immediately on the signing of the Contract.

Aug 16th 3

Chas. E. Chinnock Esq
257 Pearl St
City

My Dear Chinnock:

Would you please call on
Mr. D. Wallenstein *172 William St
the next time you are passing his place
as he wants to see you about putting some
lights in his subcellar.

Mr Wallenstein is a friend of Mr Edison
and I will be glad if you will pay him
whatever attention you possibly can.

Cannot you arrange with him to put
in two or three lights without having
him bothered with Bergmann & Co's
men to do the wiring -
Yours very truly

Samuel Insull

Chgs 3

W. L. Andrews Esq
Shamokin
Penna

Dear Sir,

I return you herewith sketch of your
Sketch. Together with memo. addressed to
Mr. Edison by Mr. Sprague.

Mr. Edison thinks that the sketch, sketch
is given by Mr. Sprague, is best
adapted to our business. If you have no
objection to this will you please make
drawing and send to us as early as
possible as it is important that we should
get a sketch ready for Shamokin.

We have arranged for Messrs. Bergmann & Co
to take back all the old Siemens Changing Switches
and very anxious to get your drawings.

Aug 17/

Rudley Newborn

Albion are near by at
Hopton Rd

Please send plan -
how soon & write as
soon as we receive
them

Thos. A. Ellison

(Aug 16/ 3

Mr. Jas. Savidge

at Hamburg Pa.

Dear Sir, Your extraordinary telegram of this date has just been received.

I would please you to bring suit
 against us I am sure you are quite
 well enough to do so, but inasmuch as
 a check was mailed to you Aug 8th

I think that if you will consult a
lawyer you will find you have a
very good case.

The next time you want to threaten
 me, you had better do it by letter
 and not by telegram if equally
 convenient to yourself.
 Yours truly

Sincerely
L. C.

Saint Louis

Private Secretary

Aug 17th
 E. P. Greenfield Esq
 41, Ann Street

Dear Sir,
 We are very anxious
 that we should get off
 an estimate of mules
 from Ohio to ~~the~~ ^{the} ~~the~~ ^{the}
 shall therefore express
 if you can make
 agreement to the new
 this evening in order
 to send your part
 of the matter.

I asked you this
 A.M. to speak to me
 before about this matter

Yours truly

Samuel J. Green

August 3

W.C. Andrews Esq
 Century Hotel
 Longbury I

Dear Sir: I enclose you herewith
 Check for \$150⁰⁰ & shall be glad
 if you will pay the Engineer
 & Mechanic at Longbury their full
 months salary -

If this is not enough to
 provide you with funds I will
 send you another cheque upon
 being advised of the fact -
 Yours truly,
 W.C. Andrews

Gardner C. Sims Esq
Providence

21st Aug 8

R.I.

Dear Sir,

your engines at the Central
Station are still giving a great
deal of trouble and a great
dissatisfaction is caused thereby.

In about six weeks our
capacity will be taxed to its
utmost and I greatly fear
trouble which will prejudice
our business and give your
engine a black eye. You must
take this matter up yourself
and deal with it vigorously and
effectively. Yours truly,
Wm. A. Smith

My dear Sir, I am very sorry to hear of the trouble your engines are giving and I am sure you will do all in your power to get them running again as soon as possible.

20th Aug 8

Abner Harris & Robinson
Hartford Conn

Dear Sirs,

Yours favor as to Central
Station Note for Hartford came to
hand yesterday. I will write you
tomorrow saying which is the
best suited to our purpose.

I send you herewith Blue
Print of Southington & would be
glad if you would let me have
information as to lot there
giving all possible details

Yours truly

Thos A Edison

21st Aug 0
Messrs Benzmann & Co. Newark Dept
292 Avenue B City

Dear Sirs,

It is important that
your Mr Greenfield should be here
tomorrow (Wednesday) morning with-
out fail to give us an estimate
on Pole lines for Piqua Ohio, as
we must send out the estimate
tomorrow noon

Yours truly
Samuel Smith

Aug 27 3
O. H. Coate

Take it in regular
manner and then go
around in day time
and find out when
the hammer clacking
-stones close at night
in winter.

Thos. A. Chinn

25 Feb 55

7

Aug 7/97 3

Mr Charles E
 Secy America Bk Co
 19 Cliff St, City

Dear Sir:

Enclosed please find Teletex
 City note for \$5391⁵⁰, due Oct 25th
 Endorsed in to your order)
 as promised.

Please give us credit
 for the
 Yours truly

Wm A. Adams

28 Aug 3

A. Stuart Esq
Ohio Installation Co.

Dear Sir,

Yours of 2nd received
I have asked major ~~latter~~
clerk (Mr Meadows) to send
you an electrotype of the
H "machine" also related copy
Catalogues & other reading matter.
I will send you copies of
the Photograph of H machine
immediately. I get some

I wrote you on 10th
inclosing Blue Prints of
Hamilton & Georgetown & on 11th
inclosing Washington City Blue
Prints & asked for location

of Central Station lot for
these three lots. I cannot
proceed with these estimates
till I get this information
Can you possibly hurry
it up

Yours truly

Phos. A Edison

28th Aug 88

W. J. Jenks Esq
 Manager
 Edison Electric Ill Co
 Brooklyn Mass

Dear Sir:

Our men will be at
 Brooklyn on Monday morning
 to start work on laying the
 tubes. Have you got the necessary
 permit to enable them to open
 the streets? If not this permit
 should be got at once ^{so} as to
 enable our men to go right
 ahead with their work.

Please telegraph reply

Yours truly

Thos. A. Edison

Aug 23

Messrs. Arthur Pennell
 401 Nassau St.
 N.Y.

Dear Sirs:

Could you possibly send
 me the balance of machine ^{ink} blanks
 tomorrow morning?

My reason for urging this
 matter to such an extent is
 that we are at a complete
 standstill for want of them
 and you would greatly oblige
 and assist me by complying
 with the above request.

Yours truly

Samuel Insull

August 3rd
 W. S. Andrews
 Mevers National Hotel
 Shawmut, Omaha
 When will Shawmut Station
 be ready to start
 Lewis Gravelly

August 3rd
 Frank S. Marr
 Leavenworth, Omaha
 Can you dispense with
 hotel services. If not,
 when will you be able to
 Lewis Gravelly
 Thos. A. Edison

Aug 21 / 2
 Westfield
 Crookton
 Mass

Send tonight rough
 sketches showing the
 where in relation
 and location will be
 placed in Empire
 from and also where
 tubes will be brought
 into Brookton Station

Wm. J. Brown

Aug 31/ 7

Spencer Gordon Esq, Genl. Mgr.
New England Dept. C. & Light C
Herald Building
Boston Mass

Dear Sir: Will you please wire me in the
morning what are the prospects of the Fall
River Contract being closed. The American Brass
& Copper Co. from whom we get our alloy rods
propose shutting down in order to put in a
new engine for power on so having left
and I am very much afraid that they will
shut down at such a time as to cause us very
great inconvenience and a delay in getting
rods for Fall River.

Yours truly
Saml. Eggeball

Aug 8

Frederica C. Lums Esq
Providence

Dear Sir,

I was glad to receive your
favor of 30th inst. You do not
however exactly answer my
questions. I shall therefore be
glad if you will inform me whether
you stated that you could build
Dynamoes cheaper than the
Green & Shops do & that you
would be willing to do so

Yours truly

Thos A. Green

Thomas A. Edison Construction Department Letterbook, LM-015

This letterbook covers the period September-October 1883. Most of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Tate, acting as Edison's secretary. Some of the letters relate to the purchase of supplies and equipment and to the payment of overdue bills. Other correspondence concerns the construction of central stations in Brockton and Lawrence, Massachusetts. There are also letters about cost estimates for central stations in Illinois, Massachusetts, Ohio, and Pennsylvania. Among the recipients are William S. Andrews, George H. Bliss, W. H. Dwelly, Jr., Harris & Robinson, John Kruesi, P. B. Shaw, and Frank J. Sprague. The spine is labeled "1883" and is stamped "Letters No. 2. T. A. Edison Construction Department." The book contains 529 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Amingtonsdim

Andrews W. L.

Arhosa D

Arthur & Bonnel

Acron Vertified Pipe Co

Andrews W. L.

Amsonia B. & Co

Ahron run pipe agry

8, 162-163, 427

15, 23, 84, 96, 100, 117, 103, 127, 128, 129, 130, 144, 238-304

207

260 261, 304, 309, 451, 452,

307,

315, 445.

358 419, 441

374

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Borden, S.	6.16.147.2.0.1
------------	----------------

Bergmann & Co. 10.54.52 61.66.78 104, 125, 126.

Babcock & Wilcox 12. 15. 21. 24. 26. 31. 41. 427

Bliss, G. H. 92, 94, 178, 178, 179, 197, 198, 244.

Bout Mm 117

Becker 2-200

Bank of Metropolis 267.

Breivater 74 349,

Bergmann & Co 215.216.217.440 493,

Beregangh 7

Bliss G. H. 509,510,071

Polles J. E. 519

Barnum E.J. 521.

Bickelhaupt 524

Campbell, J. R.

Clarke H. A.

Conant, T. P.

Cutting, R. L.

Crane E. D., & Co

Chenoweth L. E.

City Engineer

Curtis L. R.

Clarke J.

Campbell C. H.

Cotton of L. C.

Howles A. A.

Cooke E. H.

Green J. L.

Carles

Conant, T. P.

8. 18. 48 ~~275. 290. 291. 414~~

21.

32.59.62.182 209, 210, 211, 212, 220, 221, 241, 270, 420, 426, 473,

49

110

111, 220, ⁵²358 494

139, 140

152

1961

213, 240, 253, 265, 200, 178, 279, 341, 342, 433,

270.

347, 445, 486, 487, 506,

348, 376, 393, 417, 435, 461 + 78.

447

481

484, 495, 512

C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Dwelly, W. H.
Doubleday, H. M.
Dyer, P. D.
Douty, W. H.
Downing & Co
Eyer, G. W.

25, 84, 97, 139, 164, 226, 227, 264, 268, 293, 474

3887 361 443, 444

55, 131, 132, 133, 134, 291, 344, 372, 395, 414, 463

59, 474

262

320 359

Eaton Mayor
Edison, T. A.
Edison Lamp Co
Elec Tube Works
Emery & Amend

108, 109, ~~110~~, 316.

128, 129, 143, 167, 172, 272, 312, 327, 386, 387

279, 388

344 ~~357~~ 357, 442, 516

375

E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Travel J. L.

96

Graves W. H.

137.

Levi E. apt of Ryall for his

254

Gordmann S. Apt of the A. G. J. P. A. 336.

Germania Bonth

339. 755, 514,

Garrison W. L.

245

Garry Iron Works

519.

G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Neelden R. M.
Hughes C. J.
Heald, D.
Howell J.
Harris J. Robinson
Harmon J.

4

211, 212, 213, 340, 345, 346

380 430

446

401, 476, 479, 480, 487, 482, 483, 488.

524

Insects Dandel

405: 406, 412, 494, 499,

Indiana Rain & Dye co

273, 274, 275, 276, 281, 282, 291, 390, 391, 392, 394, 400, 401, 402, 403

501, 502, 503, 504, 505

523

I
J
K
L
M
N
O
P
Q
R
S
T
U
V

Jenks. W. J.

67, 106, 142, 153, 158, 182, 204 396, 397, 398, 399, 490

Music. f.

22. 68, 16, 265, 223, 224, 245, 257, 218, 456

K
L
M
N
O
P
Q
R
S
T
U
V
W

Lord, E. H.

Leonard H.

Larkin M.

Lehn & Link

Longcraft

Lord E. H.

138/43, 250 327, 328, 375, 379, 394, 410, 464, 465, 466,
322, 323, 324, 325, 326, 334, 335, 336

331

370, 465,

431

515,

Mau. F. L.	7387
Morris Tasker & Co.	22,429.
Morris L. L. Don	67,425,445,454
M ^r Coatsworth	115 829,
M ^r L. L. L.	272,
Mather. L. L.	317.
Miss Mowbray Thompson	220

M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

K. J. L. Chemical Co

Dr. 1,

Ott. J.

17.6277. 351.355-356 876.377, 1767, 490.

O
P
Q
R
S
T
U
V
W

Patterson's Bros	25
Porter S. H.	150
Pomerson Friend	310 311, 312.
Postmaster Station	D. 381.
Peabody H.	416.
Preston W.	492.

Rich W. L.D.

90, 91, 92, 102, 155, 56, 151, 121, 184

297, 298, 300, 301, 302, 313, 317,

Robinson W. C.

Rich W.D.

1. 2. 3. 4. 5. 11. 14. 27. 28. 36. 40. 71. 72. 73. 74. 75. 76. 79. 80. 85. 86. 87.

196, 194, 195, 222, 236, 239, 240, 242, 252, 254, 257, 263, 272, 274, 295
314, 319, 328, 354, 382, 383, 422, 423, 424, 425, 436, 449, 454, 455

115

484,485-496,500 505,

Sprague, F. J.

Lima, E. C.

Searle R.

Sturtevant, B. B.

Schaffer & Bundenburg

Starr, A.

Southward Family Mch 7th

Sprague, F. J.

Shaw, P. B.

Smith, A. L.

Smith, Meyer & Downing

Soldan, G.

Sprague, F. J.

488. 469, 470, 516.

Shroder, F.

Scott Paper Co Ltd

9, 16, 19, 20, 22, 23, 30, 44, 47, 53, 56, 60, 65, 70, 84, 95, 99, 110, 117

64, 123, 269.

81

82

82, 120,

97, 141, 360, 384, 412, 485, 489.

107

146, 164, 165, 185, 199, 216, 218, 225, 235, 237, 255, 283, 289

171, 172, 173, 174, 175, 176, 231, 232, 233, 251, 279, 322, 438.

228, 229, 250, 342, 491,

234

250, 460

294, 299, 303, 305, 306, 343, 359, 369, 413, 421, 434, 487.

516.

497.

578

Terwilliger & Peck

Int'l. of S,

Telegram sent

Date A.O.

52.5499,256.216,333337.338 371.463,477.

115

481 782

517,518,525.

Arguand J. H.
Union Carbide & Iron Co

725.
523

Valentine & Co
Van Orden & Co

262.
D.L.

Wilber. L. W.

19, 48, 53, 125, 136, 177, 168, 170, 183, 350, 385, 424.

Western Union Telegraph Co. 431,

Wilson J. R.

145, 149, 150, 151.

Wortley Col. L.

169

Warren Chemical & Co

520

Watson & Northrup

522

2nd Sept 3

J. J. Spurgeon Esq
Buckingham Palace

Dear Sir,

I enclose you
renewed notes on my
Minnesota when I was
return with my
thought of feeding
mounds by muscle
as they grow. The little
fact: the muscles are for
us same data as to
main. I was by some
more mass of muscle
to make good to get
at this information
the night long, betwixt
the Fall River, Mr. Spurgeon
leaves you to be
determined. I will be
as it is. I can be seen
the bedrock of the river
at the river and the river

investment in Copper
in my other way
these curious are
in the muscles
paying interest
what amount of
have Copper gold
have for interest
of Buckingham Palace
to the size of Copper
to the size of Copper
we know the size
we know the size
there is any thing
else you regard
in the muscles
with the muscles

Yours truly
John D. D.

Sep 8th

N. W. Pratt Esq, Treas.
The Babcock Wilcox Co
30 Courtland St.
City

Dear Sir: Replying to your favor of
Sep 7th, I beg to enclose you as
requested two notes bearing interest
each calling for \$2435⁰⁰ and payable
in sixty & thirty days respectively.
These cover all amounts due at
the present time.

Will you very kindly have
our Lawrence boiler forwarded
to-day and send me word by
return if you will do so.

Yours very truly
Wm. A. Edison

Sep 8/

Wm. H. Dwyer
 100 N. 1st St.
 New York City

Particular / Please find
 order for 25 ft rubber
 tubing to be shipped
 to Brockton Mass.

Have you received
 our order # 209 under
 date Sep 5th which
 calls for 50 ft 1/2" rubber
 tubing to be shipped to
 F. J. Sprague Care and Rich
 Brockton Mass.?

If not please send the
 tubing, together with the
 bill for in order 219 of
 this morning, by Express
 today, and I will send
 you order to cover it upon
 being advised by you -
 Yours truly, W. H. Dwyer

Sep 10/ 3

W. H. Dwyer Jr.
 100 N. 1st St.

Fall River Mass

Will meet your Committee
 tomorrow as requested

Thos. A. Edison

J

Sept 27 / 3
 The Babcock Mfg. Co.
 30 Courtlandt St.
 City

Dear Sir: I beg to acknowledge receipt of your favor of the 8th inst. and mark what you say in reference to notes sent you on that day -

I now beg to enclose you two other notes, each calling for \$2794³⁵ and payable in ~~three~~ one & two months respectively -

I have inserted the clause regarding interest -

Trusting there will be found satisfactory, I am
 Yours truly

Phos. A. Garrison

10th Sept 8

D. J. Sprague Esq
 Brockton

My Dear Sir,

I spoke you when
 new about the Pole lines to be
 put up at Brockton - If I
 did not do so I meant to. Will
 you please look over the enclosed
 Blue Print of the Lines & see
 Mr Jenks about where our
 Pole lines can start from.

We had considerable
 correspondence with Mr Jenks
 & it was decided to let the
 matter rest until such
 time as you or some one
 else should be in Brockton

I think Mr. Jenks wants the
 lines started at a ^{slightly} different
 point to that originally
 contemplated. There is no
 objection to such a course
 providing you decide that
 such an alteration will
 not affect the pressure. Will
 you please look into the
 matter & let me have your
 views on the subject.

Can you arrange ^{at}
 to visit Lawrence some time
 this week so as to lay out
 the plan for the electrical
 part of the work. I want
 to give me some ~~idea~~ ^{particulars}
 as to what will be

required for the interior
 of the Station. The Building
 there is I understand finished
 & Mr Rich will be starting
 work on Boilers & foundations
 this week. We want if possible
 to have the electrical part of
 the work finished at ~~Lawrence~~
 at the same time as Mr Rich's
 part of it. Do you require
 an electrical Determination
 of Lawrence to enable you
 to get at the information
 we want. If so I will send
 you a Blue Print.

Will you please see that
 the men here from the ~~new~~
 England Dept do not wire
 on the wrong basis as at ~~London~~

Mr Edison says you got up
a rule for the guidance of
the Lumbermen & he would
like you to see that the same
rule is adopted at Brockton.
He would also like you to see
that only safety plugs, that are
really necessary, are used.
You will remember how this
question was settled at Lumber
when Mr Edison was there.

Andrews has just come
in from Shamokin. He says
everything is ready there so
that I presume Mr Edison will
go there some time this week.

Can you give me any
idea as to when your work
will be finished. The wire from
the Ansonia people was shipped

to you ~~on~~ Saturday.

With relation to the men
you required to work in the
station if you can want
two men to better advantage
than one you had better
engage two men. What we
want is for you to get
the work done quickly
so that you can handle
the business on some other
station

Yours truly

Samuel S. Sull

Private Secretary

10th Sept 3

My Dear Rick

We have been a little
"thick" to put it mildly
on all we would have
remitted earlier. I hope
enclosed ^{\$700} will set you
in good shape.

When will you start
harbouring. Boiler was
shipped today. Foundation
Caps are there. Steam piping
goes forward in a day
or so.

When will Brockton
be finished yours truly
Saml. Buswell

H. M. Doubleday Jr.
Houserville Ky

10th Sept 3

Dear Sir.

I have your letter of
8th with enclosure. You
made exactly the right
reply to Mr. Stuart. I want
you in my Construction
Department & have plenty
of work for you to do.

It is impossible to
say exactly how long you
will be at Houserville. The
Isolated Co. have no one
to send in your place
& you may have to stay
there till the Exhibition

even although I hope success
will not be the case.

I want you to study
the system at Knoxville &
your experience there will
give you considerable
advantage in connection
with our business

Will you please let
me hear from you
from time to time as
to how the Plant stands.

Yours truly

Wm. A. Lenoir

10th Sept 8

P. J. Sprague Esq
 Brockton
 Mass

Dear Sir,
 we understand from Mr
 Chas. that his men will be
 through laying the tubes this
 week. He desires to know from
 us whether we desire any
 service connections made before
 they leave Brockton.

Will you please inform
 us whether any progress has
 been made with the House wiring
 ordered by Mr Garrison & whether
 it will be possible to have
 the Tubo Company men make
 any service connections before
 they leave. You might confer with

Mr. Lanks on this Subject if you deem it desirable. On receipt of letters from you on this subject we will have The Electric Tube Co. telegraph instructions to their man on this subject.

If it should be decided to put in some services before they leave you will of course decide as to which side each house is to be connected - ~~although~~ I fancy the Service Tube has three wires in it in which case of course you can leave the matter if you prefer to until the final connection is made to cut the Consumer in.

Arrangements should be made as to wiring the Central

Station for permanent lighting.
 This should be done for as
 few lights as possible compatible
 with sufficient illumination
 as this somewhat encroaches
 on Mr. Rich's province will you
 please confer with him about
 it & tell him that I requested you
 to do so. ^(the connection for lighting)
^{Station should be from the}
^{that the power is from the}
 At Chambrin ^{And he had}

some trouble with his Band
 of Resistance. when he turned
 the wheel on one Box it cut
 resistance out of one set of
 Regulators & cut it in on the
 other set of Boxes. I do not exactly
 know what was the basis of
 the trouble but thought it as
 well to mention the matter
 to you

Did I write you requesting you to leave room for the Readers' Regulator which you designed? we do not want to put ~~it~~ it in at the start as if we did so we should have to do it at our expense as it is not in our contract but if you arranged your connections so that we can put it in at any time after the station has been running a short time we will suggest to Mr. Garrison the advisability of purchasing one.

As to Safety Catches for Readers inside station I enclose your rough sketch of Mr. Edison giving what he thinks

will answer. will you please return us sketches with any criticisms you may have to make on same

Do you want any tools you use in ^{connection with} the work in the Station. If so what?

The 25 light Dynamo at Goetz Street turned out a 50 light machine. They are now working on models for 200 & 300 light machines. Mr Edison has decided to use only one coil of about double the present size on 100 light machine. The old $\frac{2}{3}$ machines he is going to turn into 100 light machines by using a heavier coil half the size.

Sunbury Co with ^{between} 200 & 300 lights running is earning 10% on \$16,000 Capital. This is so good

that to day our Constnction
Diph decided to take the balance
of the cost of Installation now
unpaid (about \$6400) in stock
at par instead of taking cash
for same. You might mention
this if people talk doubtfully
of Electric Light

Yours truly

Saml Insull
Private Secretary

Sep 11/ 3

Lucas Terwilliger Beck
8th Ave 17th St
City

Dear Sir:

I enclose you herewith
'copy' of questions and answers
relative to running of bicycle roads.

Please get these up in the usual
style - questions answers together,
pamphlet form; & questions alone,
sheet form.

I attach official
order for same that you will ^{enter}
as many hands on this work as
possible yours truly

Mrs. A Edison
J

Sep 11/ 3

J. J. Sprague Esq
Hotel Belmont
Prockton, Mass

Dear Sir: The Williamport people
desire an estimate for a plant
embracing a larger area than
we have yet taken under
consideration and I therefore
send you a map of that town
for a new determination ~~thereon~~
according to the red lines
marked thereon

Yours truly

Thos. A. Edison

Sep 12/3

J. Sprague Esq
 Hotel Belmont
 Brooklyn
 Mass

Dear Sir:

I enclose herewith a copy
 of Newburg N.Y. for
 Determination -

I promise Mr. Sturges
 an estimate on Newburg by
 Saturday and wish you would
 very kindly push this through.

Yours truly

Thos. A. Edison

Tae

Sep 14th 3

John Kneel Esq
Elec Sub C
65 Washington St
City

Dear Sir:

Will you please send
me an approximate estimate
which will cover the cost
of laying mains & feeders
in accordance with no.
white lines on accompanying
map of Newburg N.Y.

Water and Golden streets
are paved with cobble stones
and the rest of the streets
are macadamized -

The soil is red Earth

overlying rock - the latter
is from six to eight
feet below the surface
of earth & from it you
will experience no
inconvenience

Please send this estimate
as quickly as possible
& oblige (would like it this afternoon)

Yours truly

Thos. A. Edison
1.

Sept 17 3

W. H. Buckley &
Tall Water

Mar 20

Want you get
other lumber
We are buying
a lot as can
H. A. Quinn
J.

Sept 17/

W. J. Andrews
Sharnockin

Pa

Tell Dooty American Co.
have closed down for ten
days and cannot get our
supplies and that he
better have half dozen places
around drinking supply until
we get supply and cannot
to come on and start plant

E. Quinn 2

we engage for your other employees
these employees & their families

Sep 7/ 3

Geo. H. Bliss Esq., General Mgr.
West Edison Light Co.
2153 Wabash Ave.
Chicago Ill.

Dear Sir: I have your favor of
the 1st inst and in reply beg
to say that I should not advise
proceeding Annances.

It would be better to conclude
arrangements with the towns you
already have estimates for, or
for which estimates are under
preparation.

If you were to close one or
two contracts it would act as
a sort of a tonic on other

Sep 181
 F. J. Synague
 Hotel Belmont
 Buckton
 Mass.

Have Stevens by
 Extra three hundred
 feet mains
Thos. A. Edison



Sept
 W. J. Cushman
 Chairman Ill & Cal
 Hancock Ill

Please for Cushman
 tonight. They in-
 form that one or
 two places anywhere
 should be tried.
 — J. A. C. —

18th Sept 3
 Geo E. Powell
 Southport Foundry
 Machinery Co
 Philadelphia Pa
 Have been over. will
 write you today
 Samuel Inman

Sept 187

Dearest

Given 6th of time the
 estimate this
 will send estimate
 as requested
 Mrs. A. Edson
 J.

Sept 187

Mr. R. D. Dwyer
 Fall River

Had
 the advice taking
 number two lot
 on Southwell Street
 Mrs. A. Edson
 J.

Sep 18/ 3

F. Sprague Esq
 Braedton Mass

Dear Sir:

I send you by express today two maps of St Paul - one an Electrical determination made by yourself and the other a chart with a number of lots located on it.

I wish you would please decide as to which of these lots is best suited to our purpose.

When you are through with the maps kindly return them as they are the only ones we have.

Yours truly,

Wm A. Sprague J

Sep 18/3

Mr. Ryman & Co
290 - Ave P
City

Dear Sirs:

Have you made any
new (and cheaper) temporary
fixtures yet and can you
quote me a price for same?
Yours truly

Wm. A. Edison

sep 19/83

My dear Estlin

Referring to Mr. Clarke's memo.
re Estimates please re -

At the moment we are pushed
to our utmost capacity in order to
meet the demands made upon us for
fresh estimates which of course
necessitate the preparation of new
drawings - I consequently have no
available artists who could
detail & prepare the information Mr.
Clarke desires at once, but you
can rely upon receiving it fairly
as soon as we can turn it out.

Yours A. Edison

1883
 Major Eaton Sep 19th /83

Re annexed. We
 had to write to the City Engineer
 of Warwick to make him a
 tracing of his map of the
 town as it was impossible for
 our Camerer to obtain one
 while there. He can, as you
 receive this which we can go along
 with our map - Can give Mr
 Borden estimate this day
 after receipt of City Engineer's map
 which we expect daily

Thos. A. Edison
J.

Sept
 Mrs & D. Evans^{ms} to
 208 East 4th Street
 City

Dear Mrs
 Please send to my
 home at 25 Broadway Street
 One half a ton of steel bars and wire
 as possible.

Yours truly,

Thos. A. Evans

Sept 27
 T. A. Evans
 Evans & Co. N. Y. C.
 Dear Sir,
 We have
 ordered provided for
 your order to ten
 additional copies.
 The Evans will communicate
 with you.
 Thos A Evans

19th Sept 8

Frank N. M^d Coe M.D. Esq
 Williamsport
 Pa.

Dear Sir,

Yours of 12th inst to Mr. Edison would have been answered earlier but for the absence of the writer from business owing to sickness.

Your understanding of Mr. Edison's proposition is quite correct. I shall be glad if you will endeavour to close the matter up as quickly as possible. If necessary I will go to Williamsport to close it for you.

Yours very truly
 Saml. Russell Duane Esq

Sep 19 3'

J. Sprague Esq
Brookton Mass

Dear Sir:

Enclosed please find map
of Station Mares.

Will you kindly send me
a determination for underground
conductors in accordance with
red lines and also give me
your decision as to which of the
lots indicated on chart you deem
it advisable to select for
Central Station purposes -

Yours truly

Thos. A. Edison
J.

Sept 29/ 3
 W. L. Smith
 Providence

Mr. Edson in
 Hamlet in fact I
 will be here
 David Smith

Sept 29/ 3
 Wm. A. Edson
 Union Elm, Mass.

Hamlet
 Everything together for
 Lawrence yesterday night
 rather early for today's
 work

David Smith

Sept 30th

Thos. A. Edison
Edison Elec Mfg Co

Hamlet N.Y.

Enclosed please find questions
submitted today. Could
not get them from
printer before -
will see someone
we visit today

Edwin S. Hall

Sep 20/ 3

Revere Bergmann & Co
293 Ave B
City

Dear Sirs: I am in receipt of a letter from
Mr Lord, Treas C&D Co, Lawrence Mass,
in which he asks to have sent him at
once a motor of one H.

He says that if we have none
as large as the above to our largest
we have.

I believe the only one you
have in stock is of 75 H. I therefore
attach an order for same to be forwarded
to Mr Lord. When all you have
some larger ones ready
your truly

Sam Quinn

Sept 27 3

Paul D. Dyer Esq
 Weaver Hotel
 Chicago

Dear Sir:

I saw letters of 16th inst.
 in your hands... and owing to press of
 business I have neglected
 answering it -

I am glad to see that
 you have secured a number
 of the town. You are in a
 tract. it is known to be
 reasonable value - it is
 rather small but the well
 are almost certainly useful
 to us in the neighborhood
 to make a plan from them,

#2

and in all cases where canoeers
have furnished this description of
Chart, it has been necessary for
us to write to the City Engineer
of the town to furnish us with
a tracing of his map, and
in these particular cases we
have been greatly delayed in
the office.

I cite your remarks in reference
to Mr. Cunningham last ~~month~~^{year}
do not quite grasp what your
ideas are in reference to
and changing our mode of
action. (We are now engaged)

(I think of the facts and
figures which are ~~unavoidable~~^{unavoidable})

3

and which have been obtained
 from practice, out of intense
 competition with the "grass
 lies". Mr Cunningham's habits
 are necessary to a doctor in
 the "intercept" of his enterprise,
 and have very little to fear as
 to the result, and any ~~talent~~
 advantage which he may gain
 will only act as an additional
~~pull~~ pull heavier at the point which
 he is evidently preparing to
 carry himself and his colleagues
 to the group of influence towards
 which they are now journeying.
 (Copyright secured.)
 At Sutter's Co. where we

#14

Have a 500 light plant, they
are running 250 lights - just
half their capacity - and are
paying 10% on their Capital.

This is but one of the
beautiful truths which we
can advance to paralyze
people like W. Cunningham.

I wish you would please
send me a statement of all
money you have received from
Mr. Stuart.

Yours truly,
Agent for the
Columbia River

Sep 20/3

G. W. Silber Esq
Fall River
Mass.

Dear Sir:

In reference to your canvases of Fall River will you please give me the following information:-

Block 13 - How many lights in 38

Radman St - Newspaper Store?

Block 14 - How many lights in 64

South Main St Dry Goods?

How ^{long} do lights burn in Weaverly Hall?

Please say if N^o 45 Pleasant Street is over 51 same sheet as stated in canvases - If not give new and clear canvases of entire buildings N^o 41, 53 Pleasant St (Block 17)

Y.W.C. #2

In future in case a hall is over a store canvas it in this way

| | | | |
|------|-----------|-------------------------------|----------------|
| No 1 | (Main St) | 1 st floor (Store) | So many lights |
| " 1 | -- | 2 nd | " (Hall) do |
| " 1 | -- | 3 rd | " (Office) do |
| " 3 | re | | |

If hall extends over st 1-3 & 5
for instance only locate it in
canvases over number where entrance
is, stating however how far it
extends. As a rule, when
cases like the above are met
with, your canvas is confused
and by adopting the above
I think you will correct the
matter and facilitate our
work here.

Yours answer amicably

Yours truly
J. J. Smith

Sep 20/ 3

Chas. L. Esq., Treas. E. & C.
Lawrence

Dear Sir: ^{Mass}

In reply to your favor
of 15th inst. I beg to state that I
have ordered to be shipped to your
address a motion of 16 H^{rs}, which is
the largest that Messrs. Bergmann
& Co have in stock -

There are larger ones in course of
construction but they will not be
ready for some little time -

Regretting that I have been unable to
reply to your letter sooner

I am yours truly

Thos. A. Edison.

Sep 20 /
 A Stuart
 Chas 6th Ave Sts
 Cincinnati O

Piqua estimate, thousand
 eight hundred two
 thousand four hundred
 seventy three dollars -
 Thos A. Edison
T.

Dec 20/7

Mr J. J. Hanks, Manager

Evans Etc. My Dear Sir

Providence Mass

The mills lay totally a night
in water, fast of and long want
of water to move it - of which we
will have heard of - and it is
to be done - for - to be

done - we are

Yours &c
H. A. Edwards

Providence
R.I.

R.I.

Want Water by

the same Engine with

two driving pulleys

quickly as possible

for Reeling

Yours &c
H. A. Edwards

Set 31
 Maca & Quina
 Maca Natural Maca
 Of another R

Quina - got two
 thousand dollars from
 party and paid
 draft on New York
 bank today. They
 ought to pay it tomorrow
 very long delay - they
 have done

Set 31/
 Maca & Quina
 Maca Natural Maca
 Of another R
 Maca Quina ship
 Quina will be
 shipped soon -
 want it for inside
 coat at Lawrence
 and Spaul
 7

24th Sept 8
 W. S. Andrews Esq
 Shamokin Pa

Dear Sir: Please have
 the Station at Shamokin
 photographed & let us
 have half a dozen copies
 of photograph.

If you can
 get an inside view
 as well it will be
 desirable - in which
 case let us have three
 copies of each
 yours truly

Samuel Smith

Just put up with - nothing
 more to be done -

Sep 24/3

Mrs. F. Wilson Esq
Appt E. E. St. L.
St Paul Minn

Dear Sir:

I beg to acknowledge receipt of your favor of 17th inst. enclosing diagram of basement of Col. St. Davidson building, and letter from that gentleman addressed to you.

In reply I would say that it would be absolutely unpracticable for us to whittle this apartment. The height of ceiling.

is only 10 ft and would
not give us heads room
enough for our boilers,
as we require at least
12 ft clear.

This I presume unnecessary
to specify any other objections
as this one places the matter
beyond discussion -

I return herewith Dr. Davidson's
plan & letter, and shall be
glad to hear from you again.

Enc. a map of
St Paul with a number of
lots located on it and I
will be able in a day
or two to inform you as

22nd PA

is only 10 ft and would not give us head room enough for our bairers, as we require at least 16 ft clear -

This I presume unnecessary to specify any other objections as this one places the matter beyond discussion -

I return herewith ~~Adol~~ Davidson plan & letter, and shall be glad to hear from you again -

I have a map of St Paul with a number of lots located on it and I will be able in a day or two to inform You as

23 3/4

to which of these will be
most suitable for our
Central Station purposes-

Yours very truly

Wm. A. Harrison

Sep 21/ 3

L. A. Curtis Esq
 Mendota Ill

Dear Sir:

I beg to acknowledge
 receipt of your favor of 19th
 inst and in reply would
 say that Estimate for
 Mendota will be forwarded
 to Chicago tonight.

I am

Sincerely truly

Thos. A. Edison
T.

Sep 21/3 -

W. J. Prentiss Esq. Mgr.
Edison Elec. Mfg Co
Brackton Mass

Dear Sir:

I beg to confirm my telegram to you of last night stating that we would lay twenty eight hundred (2800) feet of underground conductors instead of performing pole line part of contract, you to decide where tubes to be laid.

I am in receipt of your telegram of today. to the effect that our proposition is satisfactory, and as soon as our men are through at Lawrence I will have them return to

"2
1098

Brackton and proceed
with the work of laying
kerbs as specified herein.

Yours truly

Thos. A. Raines

Sep 21) 3

G. W. Wilber Esq
 Fall River
 Mass

Dear Sirs:

Please send me as
 quickly as possible the
 following information :-

Block 18, Pocasset Street

- (1) How long does Gas burn Every night in Armory
- (2) How long does Are light at Post Office burn
- (3) Give particulars of Gas Engine, Block 14 And Main St
- (4) Sheets 139-140 missing giving Canvases
 of St. Main and Granite Pts of Block + 21

Yours Truly

Paul Insull

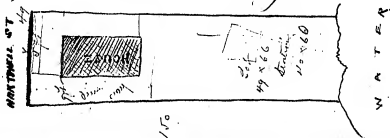
Sept 21/ 3

W. H. Dwyer Esq, Treas
Edison Elec Mfg Co
St. Louis River Map.

Dear Sir:

Referring to our telegram
to you of 18th inst, advising you to
take Lot 102 on Martwell St.,
we should like to know what your
decision in the matter has been.

If you have decided to take
the lot in question it is necessary
that I should know the following
information in regard to it



(C.H.D.) 12

Please insert the sizes in
accordance with red lines
on diagram above and
return to me as quickly
as possible.

Wm. A. Keiser

Sept 21 / 3

John Kensi Esq, Treas
 Elec. Tube Co
 636 Washington St
 Calif

Dear Sir:

On receipt of your
 favor of yesterday's date containing
 proposition to lay 1500 ft, additional
 underground conductors in the
 district of Buckton Mass, and
 in reply beg to say that I
 accept same and annex an
 official order for you to proceed
 with the work.

Yours truly

Wm. A. Edison
 2

Sept 10/183

Messrs. Huntington & Co.

New York City

Dear Sirs:

I have the honor to

acknowledge your
 favor of 15th inst. in reference
 to an iron safe, value of \$1000.
 Eugene Leary (Capt. W. H. Keck) and
 applying to it he says
 that it only costs \$2000 to
 even to the other 3 or 4 copies
 of the same. He will be directed
 and there was plenty of metal
 left. Furthermore he states
 that it will be made more than
 the for a price of \$1000.
 and has pledged to make the

connection and when done will
be an unworkmanlike job -
He also says that if valve
is sent to Lawrence for $4\frac{1}{2}$ "
pipe he will have it cut
for 5" -

Would it ~~be~~ increase the
expense considerably, as you
state in your letter, to cut
this thread in the first place
for 5" connection instead
of $4\frac{1}{2}$ "?

Yours truly

Wm. A. Edison

Lawrence

When are you coming on?
Lawrence

Sep 24/3

J. H. Sprague Esq
Lawrence Mass

Dear Sir:

Referring to that portion
of your letter of yesterday's
date wherein you ask for
"36 Safety catches 150 Amps. each"
will you please let me know
by wire immediately on receipt
of this, if you want the
lead to melt at 150 amperes
or if you desire it to
carry 150 amperes of
current solid

Very truly
Yours
L. A. Insull

Sep 27 3

F. J. Sprague Esq
 Hotel Belmont
 Braekton, Mass

Dear Sir:

Enclosed please find map
 of Racine, of which place you
 made a determination some
 short time ago -

I am now unable to tell
 which lat you consider it
 desirable for us to select
 for Central Sta and shall be
 glad if you will indicate
 the same on chart & return
 to me as quickly as possible

Yours truly

Wm. B. Smith

22nd Sept 3
 Mrs. A. Leeson
 Leeson's National
 Chamber in Tenn.
 Read out back notes
 (new today) without
 fail. When do you
 return
 Love
 J. Leeson

25-
Sept 27 3

J. J. Shaw Esq., State Eng.
E. E. Light Central Station Pa.
Williamsport Pa

Dear Sir:

I Enclose you herewith
the following estimates for the
installation of Elec. Light Central
Station plants :-

| | | |
|------------------|-------------------|----------------------|
| Williamsport Pa. | 1600 lamps, and 4 | 33020. ⁷⁴ |
| " | 2400 " " " | 41150 ⁴² |
| " | 3200 " " " | 41150 ⁴² |
| Bellefonte Pa | 1000 " " " | 53220 ⁷² |
| | | 21955 ⁷² |

You will notice ~~that~~ in the
1600 and 2400 light estimates for
Williamsport that in each case
the number of lights covered
by ^{proposed} air, district is 3166, and

#2 PBS

the cost per lamp is \$20⁶³ and
 \$17¹¹ respectively -

In the 3200 light estimate
 the district we propose to
 wire covers #042 lights and
 the cost per lamp is \$16⁶³.
 You will agree with me
 that these three estimates
 are very low - In fact I
 consider them the most
 satisfactory bids I have ever
 turned out of the office and
 feel sure that the Milbank
 Company will coincide with
 me -

I am informed by my
 Agent Mr Campbell, that

*3 PBS

it is the wish of the Millington
Company to obtain thence
the necessary permits and
concessions for us to run
our wires and erect our poles
in accordance with red and
white ~~lines~~ lines shown on
our Exhibits "A" & "B" and I
wish here to specially stipulate
that in each case our bid
for the street installation only
holds good providing these
permits are obtained and that
should they fail in securing
any of these grants and thereby
cause us any additional expense
it is agreed, in the event

#4 P.B.

of one of our estimates being accepted, that we shall add same to the amount of our present bid for the street installation.

The maps showing our proposed lines, and referred to in our estimates as Exhibits A & B, I will send you Monday morning.

Regarding the Allegheny estimate you will note that the cost per lamp is \$21.95 and the number of lights covered by our proposed district is 1201 -

This estimate I believe to be most satisfactory. I am informed that the

#5 PBS.

Bellefonte Company have by their Charter the privilege to erect poles and run wires in any and all streets and alleys they may desire to enter, and it is upon this assumption that our bid for the street installation is based.

Should they from any cause whatever fail to obtain the necessary permits for us to erect our poles and run our wires in accordance with red & white lines shown on our exhibit A - Sent you under separate cover by same mail - and thereby put us to some

#6 P.A.S.

additional expense, it is agreed that we add the amount of same to our present bid for the sheet installation.

Trusting that these will meet your requirements
Sincerely

Very truly yours

Thos. A. Edison

P.S.

I will send you also tomorrow the form of agreement we should propose entering into in the event of any of our estimates being accepted. - I enclose slightly from the form we have used heretofore.

Sept²⁵ 1903

Geo. H. Bliss Esq, Genl Supt
Western Edison Light Co
51153 Lombard Ave
Chicago Ill

Dear Sir:

I beg to enclose you
herewith Estimate for the installa-
tion of a 400 light plant
at Mendota Ill, amounting
to \$10,2^{02.34}~~13~~⁵², and under a
separate cover I send you a
map of the above town, with
mains and feeders marked in
red and white lines, the same
being referred to in the estimate
as "Exhibit A".

Referring to our bid for

#2

Street Installation I wish to specially stipulate that this only holds good provided the local Company obtains ~~the~~ all the necessary permits for us to run our wires, and erect poles, in accordance with lines shown on our Exhibit A.

Considering the small size of the plant, this is a most satisfactory estimate - The cost per light is \$25⁰⁰ and the district which we propose to wire covers 451 lights. You of course understand that the cost per lamp is always heavier in a small plant than in

#7. ^{July 12} 1872

a large one, and for this reason
I have taken great care to reduce
Catchikatum to as great an extent
as possible, as the Mandan
people appear to be very anxious
to obtain our light and it is
my desire to assist them all
I can by quoting low prices,
and I feel safe in assuming
that they will find my estimate
satisfactory.

I will send you tomorrow a form
of the agreement we should propose
entering into in the event of our
intention being accepted.

Yours truly

Wm. A. Carson

Sept 24/3

Amos A. Porter Esq. Presdt.
 & Commission of Charities & Correction
 66 Third Ave, City

Dear Sir:

Will you kindly let us
 know per bearer which island
 you desire us to submit
 an estimate for first - whether
 Kiti, Pandelo or Ward's - and
 very much obliged
 Yours truly

Thos. A. Edison

Sept 24/11
W. J. F. F. F. F.
F. F. F. F. F.
F. F. F. F. F.

Proctor Station
will start for Centin
at later than
Monday - 10.00 A.M.

Dear!
Mrs C Emerson
Boston Naturalists
Museum
Boston

Have promised to go and visit
about Newport station Sunday
next at latest. They want
us to want more witnesses
to our opinion of education.
Thank it highly & I will.

Sept 25/3

Meissner & Bergmann & Co
292 Ave B
City

Dear Sirs:

I return herewith sample
safety catch sent me a few days ago.

In reference to my order 256 of
yesterday's date for "50 safety catches to
melt at 200 amp." I beg to say that
it will only be necessary for you to
supply the brass cartridge and ~~iron~~ ^{iron} ~~cartridge~~
The Elec. Tube Co will supply us with
the lead, as arranged with you on Saturday
last, and it is desirable that you should
omit the wooden block as it is our
intention to put a number of these catches
on one piece (which we will make ourselves)

in order that they may take up
as little space as possible when
permanently fixed in our stations.

Please let me know by letter
or telephone if you understand this
obliged

Yours truly

Sam Insull

25th Sept 8
 E. H. Lord Esq
 Treasurer
 Edison Electric Illuminating Co
 Lawrence
 Mass

Dear Sir,

I will be very
 glad for you to have some
 service tubes to connect
 your Consumers with
 the mains & I would
 expect that you give
 me an order to cover
 such services as you
 may direct Mr. Stevens
 to put in. Anticipating
 your want in this
 connection I have
 had some service
 tubing sent to Lawrence
 but in as much as
 this is not included
 in my contract I should
 have ordered to cover such a
 man as used

Sep 25/3

W.D. Rich Esq
Braekton, Mass.

Dear Sir: I have your letter of yesterday's date and in reply would say that we will not order the bed plate until we hear from you.

In reference to the sizes and Distances You desire to obtain in connection with the 200 light Dynamo I should say that it is impossible for us to give you these measurements.

The bed frame is pretty nearly the same size as the Lth machine but we cannot give

Your exact figures -

Would it not be possible
for you to go ahead with
these foundations without
this information?

I mailed check for you
to your address last night
Yours truly

Samuel Insull
Private Secretary

Sep 20th 3

Geo. H. Bliss Esq.
 Genl Supt, Nat. Cash Bk
 51 & 53 Wabash Ave
 Chicago Ill

Dear Sir:

I am in receipt of your
 check for \$19th inst.

In reference to telephone stock
 I beg to say that we have never been
 successful in bringing together, for
 the discussion of the matter with view
 of a settlement, the parties interested
 in the affairs of the European Corp.

Regarding your estimate
 letter to Mr. Edrison asking for
 blue prints need in installing
 the Louisville plant. Sincerely

#2

to send you these in a
few days -

your family

Samuel S. Russell
Private Secretary

25th Sept 8
 D. J. Spurgeon Esq
 Wrexham

Dear Sir

I trust you should
 get an order from
 Mr. Jenks for these coal
 services. The best way
 would be for Mr. Jenks
 to give us an open order
 to cover such services
 as he may direct Stevens
 to put in when he
 returns to finish the
 underground system
 Yours truly

Sam Smith
 Private Secretary

Sept 25/9

Mr. Campbell Esq

In sending estimates out to this office I wish you to in future send with each estimate for the different places a proper exhibit.

I find the map given me for Williamsport is absolutely useless. It is just as important that you should give proper attention to the precise preparation of these maps, as it is that you should prepare estimates, inasmuch as they (the maps) are what we base our calculations on, and what we refer

to in our Contracts as showing
what we propose doing.
You can see that if these
are not absolutely correct
it may cause no very
serious loss as we can be
called upon to run a distance
in streets where perhaps we
never intended going.

I explain the matter then
lengthily to you as you
appear to have altogether
lost sight of the importance
these Exhibits bear in relation
to our Contracts, and several
times when you have been

aches for them you have
referred to Mr. Guimarães
as being the party from
whom they should be obtained.

I wish it to be
distinctly understood in
future that I consider
Mr. Guimarães has nothing
whatever to do with these
maps but I shall look
to you & hold you responsible
for the proper & correct
preparation of them and
I shall not consider an
estimate for any town
as completed, or satisfactory
it is viewed from your

office unless it is accompanied
by its attendant map.

This neglect on your
part is causing no endless
trouble and I trust that
in future it will be
unnecessary for me to
mention it.

Yours truly

Saml Sewall

Sept 25/3

W. I. Funds Co., Mfg.
Union Rev. Mfg Co
Brockton Mass

Dear Sir:

I have your favor of
22nd inst acknowledging receipt
of my letter of 28th inst. in
reference to additional underground
conductors at Brockton.

I have ordered forward
to your address the lamps
you ask for and wired you
yesterday that we would
start Brockton Station not
later than Monday next.

Yours truly,
Thos. A. Edison

Sep 25/3

John Kneen Esq, Treas
 Old Mills, 65 Broadway
 City

Dear Sir,

I am in receipt of
 your favor of 22nd inst
 with drawing your estimates
 for underground conductors
 for the following places:

| | |
|----------------|---------------|
| Bennetts- res- | Sig. Republic |
| Charleston | S.C. |
| Portland | Me |
| Lowell | Mass |
| Essexville | Ind. |

Yours truly

Thos. A. Edison

Sep 25/3

Spencer Gordon Esq
Herald Building
Boston Mass

Dear Sir: I beg to notify you
that we withdrew our estimates
for the installation of Edison
Elec. Light Central Station
plant at Lowell Mass.
Yours truly

Thos. A. Edison

Sep 25/3

Otho A. Rosen Esq
City

Dear Sir:

We beg to notify
you that our estimates for
the installation of Edison
Street Light Central Station
plant at Charleston S.C.
is this day withdrawn.

Yours truly

Phos. Addison

Sep 25/ 3

A. S. Andrews Esq
Shamokin
Pa.

Dear Sir:

I am in receipt
of your favor of 21st inst
and am glad to hear of the
satisfactory manner in which
Shamokin Station started up.

I note what you say about
'wire' - I expected to have been
able to use some of the wire left
over at Shamokin for inside
work at Lawrence, but as you
desire to keep it I have ordered
it to be ^{repacked} ~~repacked~~
and I enclose

Sep 25/3

Chas. T. Hughes Esq
Newburg N.Y.

Dear Sir:

I enclose You herewith
Estimates for 1600 and 2400
lights at Newburg N.Y. amounting
to \$ 41,193⁴⁵ and 45,665⁷³
respectively.

I will send you tomorrow
another estimate which
will be much lower than
either of these and I think
I can safely promise
you that it will be
entirely satisfactory to
you - I should therefore

#2 CDH

advise you to hold these
Estimates until you get
my communication of
tomorrow.

The map referred to in
the estimate as "Exhibit A"
I am unable to send you
tonight - This, together with
Exhibit B - which will be
the proposed new district -
also form of Contract, I will
send you tomorrow -

I am very much pleased
with the prospects of
reducing this Estimate -
They look exceedingly well
and I feel sure that

You will be pleased with
the proposal we will
make tomorrow
Yours truly

Wm. A. Brown

September 26th 1853

Mr. H. Campbell

White Plains

New York

Can you come today if not

when

Frank Inaull
12

Sep 26/3

W.D. Rich Esq
 Hotel Belmont
 Brockton
Mass

Remie Bentley
~~Dear Sir:~~
~~to Mr. Paul~~

Sir: I have today ordered
 to be shipped to your address
 seven sulph. Zinc and mercury
 from our New York Cent'l Station
 also a number of chemicals from
 Eimer & Bureau, City - per express.

This material is all for
 use in Chater Room & I presume
 Mr. Conant will be able to get
 it immediately upon his arrival
 in Brockton tomorrow or next day

Sept 3

John Kearsy Esq, Treas
Elec Tube Co, 65 Broadway St
Ct

Dear Sir:

Enclosed I beg to hand
you tracing of the district of
Fall River, Mass., together with
Mr Spragues determination for
underground conductors and shall
be glad if you will send me
your estimate for steel skeleton
today without fail as we
desire to forward our bid at
the earliest possible moment.

#2 ETC

It will be necessary for you
 to return the tracing to me
 as I have no blue prints
 of it. I will send you
 another map as soon as
 made, - properly marked
 which you can return to
 keep your files complete.
 Yours truly,

27th Sept 8.

J. Sprague Esq
Brockton
 Mass

Dear Sir,
 Mr Edison & myself will
 leave here on Saturday night &
 will be in Brockton Sunday
 morning.

It is Mr Edison's intention
 to visit up the Plant at Brockton
 on Monday night.

Mr Leonard who will have
 charge of the meters will leave
 here for Brockton tomorrow
 night.

Yours truly

Sam Insull
 Private Secretary

W. N. Dwyer Esq. Jr., Treas.
 Edison Elec. Mfg. Co.
 Fall River Mass.

Sep 27 1883

Dear Sir:

I am in receipt of your
 favor of yesterday's date and in
 reply beg to say that a fully
 itemized estimate for Fall
 River will be sent you ^{to-morrow}
 night.

Mr. Edison and myself
 go to Braintree on Saturday
 Evening, where "we" shall have
 much pleasure in meeting
 your Committee and we
 trust that they will be
 fully prepared to close

#20442
 matters at Brockton or else
 have it so arranged that
 a settlement can be made
 without delay by my going
 on to Fall River with
 them.

I shall expect to receive
 tomorrow morning the
 surveyor's map. Your day
 you will find me, and
 am
 Very truly yours

Samuel Insull

Sep 27 3

A. L. Smith Esq, President
Edison Ill. Co.
Appleton Wis.

Dear Sir:

I send you under separate
cover the original map which we
made of Appleton, together with
true print of same and I shall be
glad if you will obtain for me
the following information about
any lots you think it desirable
to locate ^{acquire} on the map with
the view of purchasing one of
them for Central Station purposes.

Exact Size of Each lot

Price of . . .

Nature of soil

*24th.

whether each lot is ~~to~~ level
 Elevation of each above water line
 If there is a building on any of the lots
 it should be accurately located as
 to position: you should state whether
 it is wood or brick, and for what
 purpose it has been used & also
 please state full dimensions of same,
 including height, thickness of walls,
 size of rooms, whether more than one
 floor and whether building is in good
 repair.

We want the alleys put on
 the map and all mistakes
 corrected as to the position of
 the mills &c. We also want
 the line of the present poles

13 MS

Drawn accurately by a sea
man.

In sending information
about each lot please give
its position relative to the
map; locate accurately the
point where turbine wheel
will be also give the position
of the shaft in relation to the
lot and the amount of power
of each.

Yours truly

Phos. A. Leeson

Septth 3

P. J. Shaw & Co. Inc.
67 E. L. C. S. System in Pa.
Williamsport Pa.

Dear Sir:

As stated in my letter to you of 25th inst I beg to Enclose Your two blank forms of Contract which we use in closing agreements for the installation of Central Station plants and under separate cover I have forwarded exhibit B for Williamsport 3200 light estimate.

Our terms in each case are 25% of the total amount of the Contract

#2 PMS

upon the signing of the
 (agreement) 50% of same
 when the installation is
 ready to supply light and
 the remaining 25% when
 the installation has been
 in condition to supply
 light for thirty days.
 In the event of any of
 the estimates sent you
 being accepted you can
 return the agreements to
 us and we will have them
 properly executed in duplicate
 and forwarded to you for
 the necessary signatures.

Thos. A. Mason

Apr 27 3

Miss Smith & Her Children
Cincinnati
Ohio

Dear Sirs:

Will you please send
us a price list of your
Records giving all dimensions
& sizes, speak re and any
other information you may
deem it desirable to send
us.

Very truly yours,

Thos. A. Edison

C. H. Campbell Esq.
Engineer

Sep 27/3

Dear Sir:

In preparing maps to accompany Estimates will you please in future be careful to note upon the sheet the number of lights covered by our proposed district.

In every case the number of lights should be also given in the estimate. This is an important point.
Yours truly
Samuel Beall

Sep 27th 3

Geo. H. Bliss Esq, Genl.
Western Edison Lg Co,
51 153 Wabash Ave
Chicago, Ill

Dear Sir:

I beg to enclose you
herewith estimate A^o 28 for
the installation of a 1000
light Edison Electric Light
Central Station plant at
Newport La, amounting to
\$25350⁰⁰, and by same mail
under separate cover I send
you our exhibit "A" referred
to in our estimate.

In regard to the street
installation we wish to

#29019

stipulate that, as in the case of Hendota, Ill., our bid for same only holds good providing the local company obtains all the necessary permits and concessions for us to erect our poles and run our wires in accordance with the red lines on our exhibit ⁱⁱ and that, in the event of our estimate being accepted, should they fail to obtain any of the said permits & concessions, thereby causing us any additional expense we shall look to them to

#390B

reimburse us to the extent
of the excess.

The cost of this installation
is \$25³⁵ per light for 1000
lights but you will observe
that the district covered by
our proposed street installation
provides for 1759 lights, or
nearly double the nominal
Capacity of the plant and
it would entail but a
comparatively slight additional
expenditure for them to
almost double the Capacity
at any time the local
Company might deem it
desirable. These important

#4 ~~PA~~B

facts considered the estimate
is a low one and I
trust will in all respects
be found satisfactory by
you and all other parties
interested in it.

I presume by this time
you are in receipt of
Vendota Ill., estimate.

Very truly yours,

Thos. A. Edison
J.

Sep 27 3

John Kuesi Esq Treas
 Elie Tube Co, 65 Wash St
 City

Dear Sir:

I attach you an
 order to supply all the
 necessary service tubes for
 house connection in Lawrence
 Mass. (N 2265)

Mr Lord, the Treasurer of
 the Lawrence City informs
 me that they desire to
 extend the mains as far
 as Chill Street, which is the
 first street below Jackson
 on the south side of
 Essex St. Please let me

#2 JB

know what additional instruction
 this extension will necessitate
 and also give your estimate
 for supplying and installing
 same

Respectfully

Samuel C. Smith

Sep 27th 3

Est. Long Exp. Treas.
C. E. B.

~~Lawrence~~

Dear Sir:

In answer in regard to your
favor of 25th inst. and in reply
beg to say that I will have
forwarded to you at once the
necessary tickets for home
Connections -

The matter of extending
your trains as far as Still
Street and the necessary
conductors for same, is
having our attention.

Very truly Yours
Thos. A. Hanson

Sep 27 3

J. J. Shaw Esq, Chgo.
 Edwin Electric Light
 Williamsport Pa

Sir:

I shall be in
 Williamsport about the 8th
 of next month and if the
 Bellefonte or Williamsport
 people desire to close a
 Contract for an Electric Light
 Installation I will be fully
 prepared to do so and also
 to give them any explanation
 they may desire.

Yours truly,

Samuel Insull
 Private Secretary

~~Post~~

Sep 28

Wm R. Smith
 Union Brothg Co
 Jordan Street
 Fall River Ma

You must ~~have~~ know
 this afternoon exactly
 how much land is at
 our disposal for
 erection of Central
 station building
 otherwise ~~the~~ impossible

~~It is~~ to have estimate
 by tomorrow. That
 just by you absolutely
 certain. You then
 must advise how
 farthest morning
 with all details
 arrive by 9:00
 John C. Brown

Sep 29/

W & D Welly
Roden Rock
Fall River
Mass

Mr Edison and self
go to Fall River on boat
tonight thence to
Brockton on nine forty
nine train tomorrow
morning - will have estimate
with us.

Samuel Churchill

Sept 24th

Gardner C. Sims

90 Brimington & Sims Co
Providence, R.I.

Mr. Edison and self go
to Fall River by boat
tonight thence to Brockton
on nine twenty nine train
tomorrow morning. Can you
spend Sunday in Brockton
with me.

S. Inghall

Oct 1/ 3

Mrs. Burghman
292 Ave. B
Calif

Dr. Lusk: Re the annexed -

I believe Mr. Edison desires to
Exhibit this motor in connection
with the starting up of Rockton
Station and we shall therefore
be glad if You will forward
it as quickly as possible

Yours truly

W. H. P.

Oct 1st 5

W. Brewster Esq
Southern Hotel
St Louis Mo

Dear Sir:

I have sent you under
separate cover a blue print of
the general details of St Louis
prop'd Rec. Lp. Central Station.

The smaller detailed plans
are under preparation but
I am unable to send them
tonight. I will forward them
at the earliest possible moment.
Yours truly
E. Davis.

Oct 21 3

G. H. Seldon Esq
 Edison Electric Co.
 104-106 Park St
 City

Dear Sir:

Please send Bradley
 up here at once to see me.

I want him to go to
 Brackton tonight sure
 to hunt for bugs in underground
 conductors - If there are any
 that he wants he had better supply
 himself immediately.
 Very respectfully

J. H. Wilson
 J. H. Wilson

Oct 27 '3

J. Sprague Esq
 Brockton
 Mass

Sir!

I send you herewith
 map of Tiffin Ohio for
 determination - We desire
 to estimate for pole lines -

Yours truly

Thomas A. Edison

see page 3
 see page 4
 see page 5

2nd Oct 8

Friend Pomlinson

Enclose your letters
from S. St J. McClutchen
as to a case we have
at the machine works.
I notice in one that ~~Eden~~
states he wants you
to deal with the matter

The two last letters
came whilst I was away

Will you please see
Mr McClutchen immediately
find out the status of
the case & then see what
can be done at Brooklyn
we propose to defend

I don't want the case
to go by default.

McClutchen was using
a Koeper the old Bookkeeper
at the machine works.

Randolph the Collector
for the Edison Illuminating
Co. in whom you can find
at 255 & 257 Pearl Street
knows far more about
the case than either myself
or Edison as he had it
in hand when he was
Assistant Bookkeeper
of General St.
I notice McClutchen

asks for a check in
the letter of 1st I will
give it to him as soon
as I know how much he
wants.

Please let me know
by return whether you
will take the matter
up right away.

Yours truly

Sam Insull

will be here at 9 a.m.

Oct 5 3

J. B. Eaton Esq
 President C. & O.
 65 Fifth Ave
 New York

Dear Sir:

We beg to notify
 you that our estimate of \$127 for
 the installation of a 4800 Edison Electric
 Light plant at Cronsville Ind.
 is this day withdrawn -

Please acknowledge receipt
 yours truly

Thomas A. Edison

October 5th 92

Thomas W. Edison

Edison Electric Works

Brockton, Mass

Says has postponed with
interference for one month

Samuel Insull

Oct 5/ 3

Alfred Leonard Esq
Brockton
Mass

Dear Sir:
Your letter of 3rd inst in
a Customer's Ledger has been
received and in reply beg to say
that the ledger is intended to
be used in connection with
the "meter slips" - like sample
sent you herewith (which is only
a proof obtained today from the
hands of the printer) - Sir

v

deciding as to the form of
 Ledger we did not consider
 it necessary to have columns
 for the "Grammes out" and
 "Grammes in" - The tonne Grammes
 can be copied from these slips
 into the Ledger, where they
 should be reduced to the
 proper number of Candles -

This latter calculation I know
 nothing about - For sake
 of illustrating the use of
 the book I have entered

108,000 Grammes as being
Equal to 6000 Candles —
they may be equal to 60,000
for all I know — This
however You are no doubt
familiar with.

The 'collections' are entered
up from the Cash book
and paid of same entered
in column for that purpose.

In the event of a
Customer paying only
a portion of his account

7

the amount of the Collection
is Entered up opposite the
total amount due and
the balance carried out
as shown in the case
of the assumed firm
of Haines Bark Whorey
on the annexed Sheet.

At the Central Station
in Pearl St. here they
use a Customs Ledger

5

which, as I remember it,
is an exact duplicate of
the meter slip but in
preparing these ledgers for
stations which be carellors
start be considered the
modifications which we
made as being improvements
on the old style of ledger.

Yours truly

A. H. Tate

Oct 11/93

Electric Co
65 Washington St
Cath

Dear Sir:

Under separate cover
please find map of
Lewellyn Park which ~~you~~
we desire to be returned
when you are through with
it.

Yours truly
Samuel D. Bull

Oct 11th 3

Messrs J. Hughes Esq
 United States Hotel
 Newburgh NY

Dear Sirs:

I beg to enclose herewith
 statements of probable profits and
 running expenses for a 1600 and
 3200 light plant at Newburgh,
 also specification for building for
 Central Station and plan of same,
 the former marked "CSD" and the
 latter "CGB".

As we have noted on the
 statement of profits it would
 indicate but a comparatively small

NY

Additional expenditure to increase
the installation to double
its present proposed capacity
and therefore with only 1600
lights the earnings have to
pay a dividend on a capital of
a small increase of which
would make a much better
showing - As it is the
percentages are very good
and we think will be found

Satisfactory -

Very truly yours,
Thos. A. Edison

Oct 11/
 A. J. Sprague
 Hotel Belmont
 Brooklyn
 Conn.

Urgently necessary
 that we have Tiffin
 tomorrow - Reply given
 Thos. A. Edison

Dec 11

Advent

Sharon House

Tiffin O

Will give amount

Tiffin estimate

forward

Thos A. Edison
J.

Oct 12/ 3

C. H. Lord Esq, Treas
 Edison Elec. Mfg Co
Lawrence

Dear Sir: Referring to your telegram
 of the 8th inst., stating that you desire
 to extend your mains on the north
 side of Essex St., to the terminals of
 the feeder, and following the same
 course as the main on the south
 side of the aforesaid street as
 specified in my letter to you under
 date 1st inst., from Brookline, Mass.
 I beg to say that the cost of
 this extension, including freight

#2

on material from New York,
will be \$425⁰⁰, laid complete.

If you will accept this
by wire or letter I will instruct
Mr Krenzi to have the work done.

Very truly yours

Thomas A. Cairn
J.

Oct 13/3

D. A. Skeels Esq. T.P.

Home Insurance Co.

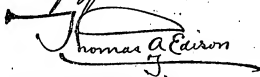
Bozell Building
116 Broadway, City

Dear Sir

Would you be kind enough
to lend us the map you have of
Llewellyn Park, in order that we may
make a tracing of it this morning
for Mr. Upton whose decisions of
going to the Park this afternoon
and wishes to take a copy with
him - The bearer will wait for a

reply

Very truly yours


 Thomas A. Edison

Oct 1871
A. Stewart
Tiffin Ohio

Total Tiffin estimate
Twenty three thousand
three hundred and
two dollars -
Building thirty four
by thirty seven feet
three inches thick
with stone foundation

Cost two thousand
dollars and
estimated to be paid
by A. D. Stewart

Oct 15/3

J. O. Quinn Esq
City

Dear Mr. Edison:

Mr. Adams of
the Stevarro Flats will be
in town today and would
like to see you -

I considered it very desirable
that you should meet him
as other parties are making
great efforts to take away

from us the lighting of
the Flats -

If you can possibly
see Mr Adams kindly let
me know per bearer when
and where he can see
you - I think it will be

O.K. if you see him -

Yours truly

James A. Russell

Oct 157
 Chas. Small
 96 19 St Louis

Williamport
 Me

All lamps shipped Shonkin
 tonight. - letters go
 today - Bergmann has
 no bottles on hand -
 also ordered them and
 will ship soon as
 received. - Shonkin

people have extra
 bottles which they
 can use in meantime.
 What about payment
 machine works exactly.
 Your letter from
 Springfield Maine
 recalling Johnson.
 Saw letter from

3

I enclose and enclose
 standing checks to
 Bank for Boston Bay
 small enclosure or
 our part and ~~will~~
 present it feeling
 Can you then understand
 they feel responsible for
 proper receipts also

4

Express opinion you
 suggested yesterday

Date

87

1874
 11/11

Oct 157
 Sam'l Ineull
 Co W H Douty
 Shamokin Pa

Eaton dont want New
 Orleans nor any other
 Southern towns canvassed
 till St Louis closed -
 Stuart wires for
 another canvasser for
 Mayville quick

¶ Shall I instruct
 Dyer return there
 when through Kansas
 City - Did you get telegram
 sent Williamsport Sate
 this morning

23rd Oct 1895

Oct 15 / 3

W. F. Jenks Esq, City Clerk
 Brooklyn, Mass

Dear Sir: I am sending you
 tonight a number of checks
 together with bills and
 vouchers in payment of
 our Brooklyn accounts,
 and wish you would kindly
 have the vouchers properly
 receipted & returned to
 us with the accompanying
bills as the earliest possible

172

moment -

In reference to delay
in this matter we cannot
understand why the people
in Brockton to whom we
are indebted, cannot give
us time to put bills through
our books & have them properly

Checked. With one or two
exceptions these bills all
were received only a few
days ago & we are therefore
at a loss to understand

3

the high pressure, exercised
in connection with same-

If you have paid any
of them, as we understand
you have, it will still be
necessary for you to have
our vouchers properly receipted
and returned and inasmuch
~~as~~ as you have interested
yourself in this matter we
shall look to you for
the proper execution of
them - We shall be

44

Glad if You will very
 kindly use all possible
 Despatch in returning these
 and trusting that they will
 be found Satisfactory, we
 remain
 Very truly Yours

Wm. A. Carson

ps We enclose herewith a list
 of parties to whom we
 are sending checks going amounts
 There are two large envelopes addressed

Wm. A. Carson
 712 E. 1st St.
 St. Louis, Mo.

Oct 13/3

Mr Sam Russell Esq
 O'Connor's California Hotel
 Shamokin Pa

My Dear Russell -
 Your telegrams all
 received and attended to -
 Have had Brockton checks all
 prepared and forwarded to Jenkins
 with one exception, of which I will
 speak further on -

I told Jenkins that inasmuch as
 we had only received (with one
 or two exceptions) the bills from
 Brockton, a few days ago we
 were at a loss to understand the
 high pressure that was being exercised
 in connection with them - Said that
 if he had paid any of them - and we
 understood he had - we should still
 require our vouchers to be properly

112

received and returned and as
he had interested himself in the
matter we should look to him
for the proper execution of our
warrants.

The bill I have held is one
from Graham Dow & Co.

In examining this bill I discovered
that they called for payment for
"one exhaust injector ---- \$94⁰⁰"

Until I saw this bill I was never
able to understand Mr Edison's
experience with the Buckton

Exhaust injector, which he
characterized as being such a
perfect failure - I deduced
from this that Rich (who approves

this bill) has purchased this
injector - I certainly know that
we have never issued not

#3

approved an order for it.
I think Rich might have
Explained the matter at the
time Brackton Station was
started as it cast a reflection
on material purchased directly
by this office - I have not
signed the voucher and will
not do so until I am instructed
by you. I think the machine
should be returned ^{as} ~~if~~ it has
failed to perform its functions
in a satisfactory manner, and
I also think a letter to Rich would
not be out of place.

I went to Bergmann's today
and conveyed your message in
reference to hurrying up Lloyd's
orders - They will do so.

4 11

Was unable to obtain the
samples of cable for you today.
Will send them tomorrow &
also cable for Conant as per
your telegram.

Saw W. Edison at the
Machine Works - Gave him
letters including a 48 pager
from Sprague re Brockton
business - Johnson the wireman
appears to be a d-d bad
egg - W. Edison thinks so
too - and I will recall him
at once in accordance with
your instructions -
Will you please ask

5

Conant if the last large
blow lamp received at
Shamokin is what they

want - Just in receipt of a
letter from Hughes in which
he says a meeting ~~for~~ for
organization of Newburg Co
and consideration of our
Estimates has been called for
Friday 19th inst. He wishes
W Edson to be present and
says "you^{must} of course ~~will~~ be
there" - Will you?

She wants an estimate now

6

that will allow of a \$50,000
Capitalization - mains
cut down - I'll send it.

Campbell came in for a
while today - He's looking
very well indeed - He
will commence active work
tomorrow & you can wager
it will be d-d active
too - I hope to be able
to surprise you by turning
out some estimates while
you're away - wouldn't it
be a terrible surprise !!!
Well you'll get it -

#7

Enclose Your letter from Series
of a personal nature though
not marked so in envelope.

Just got your \$7.00 telegram.

Great!

Nothing else of interest to
tell You. Machinery is all
running smoothly only days
not long enough. Nearly
Eight o'clock now & I have
had no dinner yet.

I'll take an extra amount on
Your ak, & trusting you are not
figuring in the roll (not coffee)
of a martyr at the steak (!)
I am sincerely Yours

Sate

Oct 15/ 3

Thos. Bengough Esq
Toronto Ont
Canada

My dear Sir:

I have much
pleasure in again addressing
you and trust that the
result of my communication
will be as satisfactory as
when I wrote you from
Trinidad -

When McClain was
leaving the south he
mentioned to me that

2

he should like very much
to come to New York
but up to the present time
I have seen no chance of
placing him. This opportunity
however has tonight arisen
and I hasten to inform
Mr. Blair, through you, of
the fact.

The manager of the
Edison Co. for Isolated Lighting
has asked me if I could
find him a person whose
description fits Mr. Blair
exactly. I told Mr.

3

Hutchinson, (the manager referred to) about W McClain and he has requested me to Enquire about him -

McClain's position would be at first as stenographer at \$ 80⁰⁰ per month -

If he proves himself Equal (as I am sure he will) to ^{all} the duties, he will eventually be given charge of the Civil engs office - which means an excellent position -

You can tell McClain how me that I should

11-11-11

very strongly urge his communicating
with me at once about this
as it is an opportunity he
certainly should not lose.
Trusting to hear from
you shortly, in relation
to the above and I am

1. *Chrysomelidae*
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Oct 16/

Est & Treas
Edison Elec Mfg Co
Lawrence Mass

Please confirm by letter
your acceptance of our
bid for main north
side Essex Street as per
our letter of twelfth

Reply - Have ordered work -
Thos. A. Edison
J.

Oct 16th 3

American River Co
 At Charles E. Co. Secy
 19 Cliff St.
 City

Dear Sir: Referring to our order
 No 204 of 4th inst, for Copper rods
 for the Elm Lake Co, for our Fall
 River Installation will you kindly
 let us know how soon you will
 supply these as it is absolutely
 necessary that we shall commence
 the laying of underground conductors
 at Fall River very soon in order
 to fulfill the conditions of our
 agreement Very truly yours

Thomas A. Edison

Oct 16/3

D A Heald Esq, JP
 Home Ins Co
 115 Broadway
 City

Dear Sir:

a few days ago we
 wrote you asking if you would
 very kindly loan us a map
 of Lewellyn Park.
 You have
 our letter was sent by messenger
 who however failed to see you
 and brought it back -

Would you be good enough
 to let us have the map for
 an hour or two tomorrow -
 Yours respectfully, F. A. Fildes

2

W.D. Rich
% Edwin Elmly
Lawrence, Mass

Am getting anxious about Fall
River - Have promised to be
ready in one month - Have
not yet got any requirements
from you for material -
When are you going to
Commence work there

S. Inshall

To Mr. Rich

Randolph, Mass

I am very sorry to hear
that you are so ill -
I hope you will be
able to get well soon -
Yours truly
W.D. Rich

Oct 17/

Wm. H. Hunt
 Civil War
 Cincinnati
 Ohio

Officer estimate
 mailed Cincinnati
 today Thos. A. Edison

Oct 17/

Wm. H. Hunt
 State Street
 Syracuse
 N.Y.

See Mr. Hunt at
 your union street
 Syracuse -

Thos. A. Edison

Oct 17/ 1877
 Thos. A. Edison

Oct 19/ 3

Messrs Harris Robinson
Hartford Conn

Dear Sir: the enclose herewith sketch
of a portion of the town of
Danbury. Please note our
remarks on same in reference to the
running of our lines from Central
Station proposed right to New St
and let us have an early reply
Obligingly Yours very truly

J. W. Edison
J. W. Edison

Oct 19/ 3

Geo. A. B. Liss Esq, Mgr
West. Edison Co.
57-53 Madison Ave
Chicago Ill

Dear Sir: In accordance with Your
request we have pleasure in
handing You a 500 light estimate
for Mendota amounting to
\$ 12,612³⁶ -

Our provisions in regard to
the street installation are the
same as in the case of the
400-light plant already
submitted and explained to
You in our letter of ~~Sept 22~~ ^{Sept 23} 1903.

12-9-13

You will observe that the
Cost per Camp of this installation
is \$35.22 or .36¢ per Camp
lower than the 400 light
estimate - This is a satisfactory
result - We also send you
map showing the proposed
Course of our line, and
referred to in our estimate
as exhibit "A", together
with forms of agreement
filled in ready for execution.
A plan of the general
arrangement of the station

#3 GWB

we propose erecting also,
 have been sent you ~~and~~
 and trusting they will
 be found satisfactory &
 meet with approval
 We remain

Very truly Yours

Phos. A. Edison
 J.

Oct 20/ 3

Estford Esq., Treas
Edison Elec. & Mfg Co.
Lawrence Mass

Sir: We beg to acknowledge
receipt of your favor of the
16th insty, confirming your telegram
to us to lay mains on both
sides of Essex St., and to prevent
any misunderstanding we beg
to say that the work you have
ordered will cost as follows:-
Extension of mains of feeder on Essex St
on the South side to the terminus
of the Feeder, which is about 130 ft
beyond Mill Street, and the mains
from Essex St. through Lawrence
Street to the Central Station \$1299.⁰⁰
Extension of mains on north

2

side of Essex St to the terminus
of the feeder, and following
the same course of the mains
on the South side of Essex
Street - \$ 425 ⁴⁴; the total
Cost of the work being

\$ 1724 ⁶⁴ -

We have ordered the work
to be completed as quickly as
possible

Yours truly

Wm. A. Edison

Oct 28/3

J. J. Sprague Esq
 Hotel Belmont
 Brooklyn
 Mass

Dear Sir: Under separate cover we
 send you charts of Danbury Conn.
 and B. Tiffin O. The former has
 two flats located on it and we
 desire you to select the one you
 think most suitable and make
 a determination on it.

The latter requires a new
 determination on the lot
 which we had marked in
 red. We enclose paper in
 connection with your last
 determination of conductors for this place.

Oct 21st 3

Thos Pungough Esq
#29 - King St West
Toronto Ont

My Dear Mr Pungough:

I beg to acknowledge
with thanks your letter of the
17th inst. The position I am
endeavouring to fill is one which
is unsuitable for a lady inasmuch
as the person taking it would
have charge of a number of
clerks - (some of whom are men)
and would have to perform other
duties which, for a lady, might

might not at all times be pleasant.

The article you sent me is exceedingly interesting and I wish you would convey to Miss Fraser my most respectful admiration together with my sincere regret for the foregoing circumstance. If I can in any way assist her in New York I shall be only too happy to do so and trust she will not hesitate to call upon me for this purpose at any time. I have had a letter

letter from Mr. Chain who appears
to like the idea of coming
here. I will tomorrow write
him full particulars as he
desires.

Thanking you very
kindly again for your
letter believe me

Yours truly
J. H. H.

1/14-27/10
11-11-10

Oct 2nd 1890

Wm. P. Conant—
 Warren National Hotel

Dear Mr. Conant—
 As to hunting they were
 obtain from Shaw's report.
 Statement set running
 station goes out not return
 and while no fully today
 this is very important.
 Write fully after Shaw's
 men are kept running

Conant — 2

Station. If they understand
 how to remedy trouble
 case of breakdown inside
 or outside station.
 Bowles, Denver

Oct 22nd

J. L. Sprague
Hotel Belmont

Brockton, Mass.

Her determination to
must read her

tomorrow morning

David's brother
C. J.

Box 3

Marvin Robinson

Montford

Dear

Washington estimate
expansion lights
Constructors for your
thousand and seventy
lights. Total current
down ten thousand
your hundred lights

down hollow - started
today. Will start
~~additional~~ estimate dry
on two your hundred
lights light capacity
for Washington

Thomas A. Edison

Oct 22nd 3

Messrs Harris & Robinson
 Shaftford Coars

Dear Sirs: We beg to enclose herewith
 our estimate of \$35 for the installation
 of an Edison Electric Light Central
 station plant at Southington Coars,
 of 600 lamps capacity, and under
 separate cover we send you
 Exhibit "A" referred to in the
 Estimate, with plan of Station -
 As regards the Street

Installation we would call
 Your attention to the fact

#2

that the district be propose
toiring Coors 970 lights.

Our bid for this particular
work is based upon the
assumption that the local
Company will obtain for as
all the necessary permits and
concessions to erect our poles
and run wires in accordance
with the red lines on our
exhibit "A": Should they fail
to procure any of these
and thereby cause us any
additional expense it is

3

understood and agreed that they shall reimburse us to the extent of the excess. We would say that we do not think this estimate by any means does us justice on account of the great discrepancy between the nominal capacity of the plant and the number of lights covered by our proposed street installation. For this reason we have considered it desirable to prepare

#4

another estimate for a
plant having a capacity
of 950 lights and this will
reduce the Cost per lamp
Considerably.

On the other hand
if, after looking over our
map, you consider it advisable
to cut off any of the mains
it will of course reduce the
estimate and we will be
glad to meet your wishes
upon being notified as to
what changes you may

#5

require us to make -

Regretting the unavoidable
delay to this date we beg
to remain

Very truly Yours

Wm. A. Brown

Oct 23¹

Thos Belmont
 Messrs National
 of Hampton

Comes
 Hopple quit when
 you will wait later
 going in formation
 the Sunday and
 Monday
 David Howell

Oct 23¹

W. A. Kirk
 of from the City to
 still lived

also

Newbury Company are
 to erect building. the
 want quarters so to
 time of New Eng. would
 you suggest giving them
 the old contract on
 Thursday next.
 David Howell

Oct 33
 to H. Smith Esq
 Exeter N. H.
 Rochester

Have not found
 by express the
 price & date you
 require

Wm. F. Smith

Oct 33
 W. F. Smith Esq
 Exeter N. H.
 Appleton
 Wis.

When may we expect
 to hear from you
 again. We are
 still anxious
 H. F. Smith

Oct 30/1
 W. Preston Dix
 Esq. Wm. W. W. Co
 Louisville Ky

When may we
 expect information re
 lets and map of
 Louisville - Ky
 Thos. A. Edgar
 J

Pd

#2

Oct 23/

Amount Shall
 % Amount
 Corner 6th Pine St
 of Louisville

Will determine on all
 let for labor hundred
 and eleven light reduce
 estimate thirty nine hundred
 dollars - determine on
 Burn let for labor fifty
 four light reduce thirty

four hundred dollars
 determine for seven
 hundred nine light on
 Burn let increase
 estimate one thousand
 and fifty dollars.
 will have Louisville map
 shown as for telegram
 just received from

10 22 800000

#3

Alia - Will send
it to Humei. - If you
he must go to Louisville
before he can bid on
that installation.
Will attend to Chicago
estimate. - Evident
better - Will give me
that last estimate

#4

Tomorrow - Leonard
letter will arrive.
Tomorrow morning -
will give estimate -
give your address
in case I want to
send letter tomorrow
on Thursday. - Done

from ridge warmer again
around the top of the ridge and

from warmer down,
quarries or for carbon

Get me
 West. And
 Go down the M^{ts}
 Fall River

Make building' dip
 had longer to
 accommodate the
 entrance in fair-
 way, wait about
 today than a Elmina

Oct 24th

don't know
 yet about
 how that will be
 received

Ohio-

Letter from Tiffin
 arrives Saturday
 says Burn has
 fled.

He was determined
 for twelve forty four

#2

light in the lot
 main run through
 alley between Johnson
 and Washington street
 from under that light
 to second alley there
 too. Through alley
 between Washington and
 Burns street from

#3

river to second alley
black one. Through
alley between Perry
and Clarkst from
river to Centre black
five. Through alley
between Clarkst and
Madison from river
to Centre black three

#4

From intersection four
alley in black two
to one hundred feet
either side Jefferson.
Under one Centre black
three. Under two Centre
black five, Under three
Centre black six -
Under four Madison

for anyone found from
the same organization

anyone goes from

129 words

Sheet at alley between
Jefferson and Washington.
Reductions based
on estimate you took.
Station plan mailed
today - Permit letter
not yet arrived.

7/10/70

to George Allen upon
completion from him

from George Allen

Oct 24
 Paul Howell
 Post Street
 Room 68
 Wisconsin
 Chicago
 Corant reports slinking
 from receipts to six
 month instant two
 hundred separation there
 twenty cents. ~~ten~~
 falls to state twenty

nine twenty nine.
 Presently ^{presently} ~~presently~~ explanation
 down dollars seventy
 two cents. He could
 not give ~~or~~ not
 receipts as they sent
 from what they have
 spent. Says ~~themselves~~
 men can not station

all right.

Date

Mr. D. Rack

% Carson Elev Elev Co

San Luis Pass

Dear Mr Rack already built
and extend building so far

Program of this morning

Shen A. Edmon

with


Oct 24/1913

Oct 24/92

A. S. Crowley Esq, Secy
 American Brass & Cop^r Co
 19 Cliff St
 City

Dear Sir: We beg to attach an order
 for copper rods for Newburg N.Y.
 Contract, and we wish you would
 push these to the utmost.
 You will of course understand
 how necessary it is for us to
 commence laying these without
 delay as my shortly frost will set
 in and that would be fatal to
 our street work.

Yours truly,

 Thomas A. Edison

Oct 24/3

Geo. H. Bliss Esq. Mgr.
 West. Edison Light Co
 57153 Lombard Ave
 Chicago, Ill

Dear Sir:

We send you herewith
 estimate for the installation of
 an Edison Elec. Light Central
 Station plant ^{of 1500 lights capacity} at Racine Wis.,
 amounting to \$31,030 ⁰³ and
 street installation for 2164 lights.

In regard to our bid for
 the latter, it is based upon the
 assumption that the local authorities
 will obtain for us all the necessary
 permits and concessions to run
 our wires and erect poles in
 accordance with red lines on
 map sent you ~~herewith~~ under

#29013

Separate cover marked "Exhibit A",
 the same being referred to in the
 estimate. Should we be put to
 any additional expense through
 these concessions or permits not
 being secured we shall look
 to the local company to reimburse
 us to the extent of the excess
 and it ~~is~~ is understood that they
 shall do so.

This installation comes to
 \$19³⁹ per light - which are
 the best figures we have sent
 you yet and we feel so
 perfectly sure that they will
 be found satisfactory to

#3 GNB

all concerned that we consider
it unnecessary to make any
comments upon the low result
that has been obtained.

We beg to apologize for
the seemingly long delay in
sending you this estimate
but we saw a point where
we could reduce it and held
it for that purpose.

Trusting it will reach
you in due course, we
beg to remain
very truly,
Yours,

[Signature]
J.

Oct 24 / 3

Geo H Bliss Esq
West. Edition Lto
51 53 Wabash Ave
Chicago Ill

Dear Sir: In relation to the lot
which you indicated on the
map of Etunah received by
us a few days since we
beg to say that the information
you have given us is so
incomplete that we can do
nothing until we hear from
you again in reply to this
letter - Will you kindly
have the attached form filled
in to as great an extent

#3

as possible - Also please
inform us if there is a
bridge across canal and
race at Cedar Street and
is it a "draw"?

Is there a possibility of
crossing the race and
canal about opposite Walnut
street? Upon receipt of
this information we will
be glad to prepare an
estimate for you -
Very truly Yours

Card

Oct 22
 Thos. P. Conant
 Mason National Hotel
 Shamokin Pa
 Doubt writes that
 Shamokin Police
 working badly -
 reply quick giving
 full details of
 trouble
 Thos. A. Egan
 J

Dec 26 " 3

The Electric will be
 65 Washington St
 City

Dear Sir,

I beg to inform you that I
 hope of having to make but few more
 such satisfaction as you feel these
 years. My house is going to be
 the one it also go to. I am
 very truly
 Yrs. A. C. C. C.

Dec 26th

of the
 total element

Acetate space.

Containing background with
 small images of people
 in a
 cage.

25th October

My dear Mr. C.

Thank you for your letter of the 21st.

I am well & thank you very much for your letter, and for the trouble you have taken to let me know your opinion as to the best way to proceed. I am sure it will be most profitable.

Yours very truly,
 Wm. C. C.

Dear Sir,

I am sure you will be
 very much interested in
 the result of the
 experiment.

Oct 25th

A. C. C.

To Highland Park Road
 Hunting, N.Y.

Thomas's page will receive
 one thousand acres of pasture
 no less or more of any
 importance

Respectfully

A. C. C.

Thomas A. Edison Construction Department Letterbook, LM-016

This letterbook covers the period October-December 1883. Many of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Insull or Tate, acting as Edison's secretary. Some of the letters relate to the purchase of supplies and equipment, the payment of overdue bills, and the problems of meeting the payroll of the Edison Lamp Company. Other correspondence concerns the construction of central stations in Tiffin, Ohio, and Hazleton, Pennsylvania. There are also letters about cost estimates for central stations in Danbury, Connecticut; Newburgh, New York; and Williamsport, Pennsylvania. Among the recipients are J. F. Bunn, W. Preston Hix, W. D. Rich, P. B. Shaw, and Archibald Stuart. The spine is labeled "1883" and is stamped "Letters No. 3. T.A. Edison Construction Department." The book contains 503 numbered pages and an index. Approximately 30 percent of the book has been filmed.

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

62
139
187
123
191

251.

265

249

325

400.

Finis

*Will. Echison
Institution
and argument*

Armington & Lima 3.9, 44, 47, 91, 96, 142, 184, 186, 191, 192, 193, 237, 238, 263
 Andrews W. S. 16, 30, 33, 36, 38, 49, 104, 206, 210, 213, 217, 221, 228, 250, 251
 Ansonia Brass & Copper Co. 118, 365, 365, 421, 425, 465
 Amer. Iron Works 209
 Andrews W. S. 252, 255, 263, 265, Ed. Mech Wks. 322, 327
 Armington & Lima 272, 273, 277, 362, 372, 387, 467
 Arthur & Bennett 364, 417, 463, 464, 476
 Andrews W. S. 412, 413, 414, 415, 435, 439, 445, 446, 496, 497
 Armour Bros 453,

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

| | |
|---------------------|---|
| Dalcoch & Wilcox | 1072, 168, 169, 177, 197, 198, 204, 224, 326, 447, 448, 446 |
| Brown J. C. | 1112. |
| Bergmann & Co. | 14, 77, 175, 212, 260, 287, 305, 371, 378 to 380, 382, 401, 418 |
| Bleds B. H. | 19, 172, 398, |
| Beech & Son | 20, 51. |
| Borden S. | 53, 391, 392, 502, 503, |
| Bunn J. | 62, 73, 78, 79, 80. Refer to book 10. Page 314, 269, 382. |
| Bleds E. M. | 187 |
| Bates Mfg Co | 149 |
| Bickelhauph Bros | 140 |
| Beckmann H. B. | 149, 357. |
| Brewster F. C. | 159, 396, |
| Brown | 70, 240, 241, 430, 465. |
| Bickhaup M. C. | 172 |
| Brower Bros | 185 |
| Beggs J. | 185. |
| Brown J. H. | 292. |
| Bowmann Bros | 368 |
| Bergmann & Co. | 415, 424, 440, 441, 442, 445, 454, 471, 473, 479. |
| Brown & H. | 416 |
| Brooks, E. J. & Co. | 490 |

Bacran A.J.

25

Booke G.H.

26, 227, 280 283, 284, 389, 397, 398.

Bonant J.P.

32, 55, 89, 175, 191, 205, 272.

Chinnock C.E.

100, 20th. 306 to 310

Cumner Engine Co

150

Cassidy J.J.

166

Crider P.B., D.S.

274.

Chandler Friend

357.

Cowles A.A.

377.

C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

| | |
|--------------------|--------------------------|
| Dweller W. H. | 5,109,110,209. |
| Douty W. H. | 18,192,309 63154 |
| Drychuck W. C. | 38. |
| Eyer O. D. | 98,111 141,154,174, 180. |
| Dean Steam Pump Co | 101,466,476? |
| Dale A. J. | 100 |
| Douleday N. M. | 146,174, |
| Dickinson J. | 296, |
| Doran Friend | 350. |

| | |
|------------------------------|---------------------|
| Erie City Boiler Works | 37. |
| Engle S. D. | 40. to 43. |
| Elec Tube Co. | 95, 285, 282. |
| Edison Lamp Co | 153 |
| Essexville Life. Assn Co. | 165 |
| Erie City Iron Works | 177 |
| Edison T. A. | 190 |
| Edison Mach Works | 224, 371, 423, 476. |
| Ed. Elec. Ill. Co Fall River | 367 |

E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Fernan & Neil 291.

Germania Bank

19 25/89,

Gaylord & Watson

463

G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Hix J. P.

Hime Leather Belting Co

Huger L. S.

Harrisburg Car Mfg Co

Harris & Robinson

Hall J. W.

Harris J.

2.81.110, 142, 167. 242. 264. 266 271. 287. 288. 289.

18.84.69, 248. 361, 1870, 424, 470;

26, 266.

36

135, 136. 144. 147, 148, 150. 258, 259,

155

257. 266

Innell S

137. 138. 139. 426. 16429.

8. 13. 13. 92. 99. 107. 115. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130.

I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Jamba M. J.
John Mfg. Co.

221

474.4763

Keuffel & Esser.

7,388.

Keuffel & Esser.

23, 148, 160, 161, 162, 243 & 247.

Keuffel & Esser.

148.

King C. G.

151, 176.

Keuff. M^s. Williams vbo. 178, 182.

K
L
M
N
O
P
Q
R
S
T
U
V
W

Leonard H. W.

Lord C. H.

Wynns C. P. Letter of introduction SST.

Leonard & Ellis

31. 225, 236, 239, 264, 382, 446, 456, 460, 461, 462.

34, 48, 49, 75, 76, 87, 224, 368.

490.

Mullen J

6

Morris J. J. J.

38, 65, 66, 67, 68, 152, 173, 319.

Morse D. D.

193, 194, 200, 201, 202, 203, 208, 370, 422, 464.

Munkle S. B.

205

Murr, L. S.

262.

Mackey A. G.

304, 390,

McKub F. Harlin

452

M
N
O
P
Q
R
S
T
U
V
W

Nathan & Dreyfus

349, 401, 419,

O.H.J.

56, 116, 117, 136, 137, 186, 207, 220, 222, 253, 456 in Mech Books

283, 286, 448, 444, 454, 457, 458.

O
P
Q
R
S
T
U
V
W

Place S. Mack Co.

Painter U. H.

Peabody H. W.

Plunger & 256.

Page Dennis & Co

37,464,492,493

97

187. 232,238,270.

491.

Rich. W. D.

3, 16, 21, 27, 28, 29, 32, 33, 52, 90, 92, 93, 94, 104, 105, 111, 116, 157, 158, 171
175, 179, 184, 214, 215, 218, 219, 223, in Ed. *with* *copy* by *Mistake* Page
404, 405, 406, 407, 408, 254, 258, 282, 290, 303, 310, 321, 323, 326, 328, 403, 405
362, 373, 374, 407, 310, 312, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Roehling J. A.

Russ. A.

279, 421, 425, 467, &
316.

| | |
|------------------------|--|
| Sprague F. J. | 4, 24, 252, 265, 267, 383, |
| Stearns A. J. | 5, 74, 82, 138, 140, 110, 154, 174, 188, 196, 295, 297, 630, |
| Stine S. B. | 25, |
| Safety Power Co. | 39, |
| Schafer & Rudenberg | 39, |
| Soldan G. | 76, 63, 140 |
| Shaw P. D. | 57, 156, 173, 176, 190, 206, 227, 274, 275, 296, 278, |
| Schwenk W. | 118, 151, 192, 284 |
| Supt. E. Mch. Works | 193 |
| Straight Line Eng. Co. | 196 |
| Staw P. B. 292, | 360, 395, 487, |
| Stuart A. | 317, 318, 358, 359, 372, 390, 494 |

Date A.O.

147:

Tongue J. D.

163.164.

Inverly & Peck 294,399.400.4989

Ungerhark J. H.

199, 224, 225, 226, 369, 422, 4691

U
V
W

Winans A.B.

422.

Whitten Mach Co

36.139

Whitson, Union Tel. Co. Treas.

45.

Watson Elec Co.

7071, 369, 423, 465.

Walker J.

215, 386.487.

Winans H. W.

346 to 248, 352, to 255

Watson S.

463.

Oct 20
#August 10
To Messrs. Bee & Co.
Baltimore Md.

Have sent various other
buildings proposed for
local station as seen
and from which I was
fully, made arrangements
location of columns bridge
and other and nature of
work.

Oct 27

A. Stuart
O. M. Power is a kindle
inmate. This

I have Judge Stone with me
to day young but not so
building material also with
a street with in well
J. A. Edson

Oct 27

W. R. Dudley has
Edson the My Co
Fall River

When will we have
balance of payment due
on twenty fifth

J. Thomas C. Edson

Oct 29/
 David Howell
 Highways National Bank
 Newbury NY

Tamania people say
 they can complete
 Newbury road this
 week

File

Oct 29/
 David Howell
 Highways National Bank
 No. 100
 Newbury NY.

11
 Germania advises draft
 State River four thousands
 paid - Riverer check
 upon Duvelly national.
 "Have thousands and check
 upon Germania and check
 and deposited Germania

Oct 29/3

J. C. Brown Esq
 C/o Pope, Sewall & Co
 Manhattan D.C.
 35 Vesey St City

Dear Sir:

Enclosed I beg to
 hand you estimate for the
 Erection of an Edison Elec. Light
 Central Station plant of 1600 lights
 Capacity, with conductors laid
 for 2387 lights, at Newburgh, N.Y.
 Together with estimate of daily
 running expenses and Statement
 of profits - our form of agreement
 I also send to make the
 data complete - This estimate
 has been accepted and the

Newburg Abstract closed.

Trusting these papers will
answer your requirements

I am

Very truly yours

Samuel Small

Nov 1/ 3

W. K. Rich Esq. Supt
 Fall River
 Mass

Dear Sir:

Enclosed are by the
 hand of an agent check #235
 for \$100.00 as requested, in
 your letter of yesterday.

We are for this
 morning asking you if
 you could spend time in
 New York. The matter we
 are about to discuss with

29

You are in relation to
 everything else and I think
 contrary to what you said it
 is necessary for me to
 trust through to completion
 as quickly as possible. It
 is to get in ahead of the
 fact

Yours truly

Christy M. Hall

51

Nov/ 3

Stephen D. Engle Esq
Hagleton, Penna.

Dear Sir: Under separate cover
we send you two charts of
Hagleton. On one of them
we have enclosed in red
lines that portion of the
town in which it is desirable
to locate our Central Station
and we shall be glad to
receive from you opinions
on any lots you can obtain
within the indicated limits.

17
1886

In addition to this we desire to obtain information in accordance with the enclosed form which should be given as fully and accurately as circumstances will permit.

We wish to call your very particular attention to the other chart, which shows the course of our proposed lines in ^{in each parish} Hagleton. Please examine their course

carefully and advise us if they meet with any

#3
SOE

obstructions, of any nature
 whatever and note the
 location of such on the
 Chart. Should the
 meeting of such obstruction
 necessitate the running
 of our lines on other
 streets or alleys you might
 also state ~~where the~~
 You would propose going
 to effect the same end
 and indicate those departures
 on the Chart -
 we must ask

#4

You so kindly send us
this data at the Earliest
possible moment inasmuch
as all our work in
this office in connection
with estimates & plans for
Hagleton will be at a
complete standstill until
we hear from you -

Very truly yours

Wm. A. Edison


Nov 2nd 3

J. B. Shaw Esq, State Eng.
Edison Elec Light Co,
Williamsport
Pa:-

Dear Sir:

We beg to enclose herewith our estimate
No 23 for the ~~best~~ installation of an Edison
Electric Light Central Station plant at
Belleville Pa:- of 500 lights capacity,
amounting to \$14,761⁰⁰ and under separate
cover we mail to your address exhibit "A"
showing the course of our proposed ~~central~~
station installation together with forms of agreement
and plan of the general arrangement of our
proposed Central Station at that point.

We would call your attention to the
number of lights - viz:- 843, included
in the district we propose wiring,
and this - together with the very
inconvenient location of the
Central Station lot which necessitates

2

exceedingly long feeders - accounts
for the cost per lamp amounting
as it does to \$29⁵².

We could of course reduce the
estimate by cutting off some of
the Conductors but this is an
option subject to the preference
of the Bellefonte Company and
we would say, an alternative
we should not advise adopting.

The proper thing to do
would be to try and obtain
a lot for Central Station
purposes somewhere near
the centre of lighting - on
High Street near Spring St.
This would shorten the

3

feeders and reduce the weight of copper which now averages nine pounds per lamp the same being high.

Another way in which the Cost per lamp could be reduced is to make the capacity of the plant 800 lights instead of 500. This would cost very little more and would present a considerably better appearance when figuring on the above basis. It is necessary

H

that decided action should
be taken at once if the
Bellefonte people desire
the installation completed
this fall so as to derive
benefit from the winter
lighting, and they maintain
of course that by delaying
the matter until spring -
as it will have to be repaired
if frost gets in ahead of
us - they will lose
considerable revenue by
being unable to take
advantage of that season

5
 When the average burning
 is longer than at any
 other time of year.

Yours very truly
 Thos A Edison
 —————

Nov 4

Judge Sumner
Sufferer

Building party by
 sight with measure
 contrast give hints
 of all - many quickly
 if accept - Albion Sumner
 7

paid

Nov 51

J. B. Shaw
 from Blacklight
 Williamsport Pa

To make Blacklight shine
 light run over light
 capacity instead of
 five hundred with more
 figures and you clearly
 see the demand for better
 and the others. That
 the mail service is ~~not~~

Nov 51

J. B. Shaw
 Jiffy Inc

Our department
 leave for Jiffy
 tomorrow noon
 to start work

David Hall

Mass 31
 I thank thee
 Ever thy little D
 at W. Green 13 Pine St.
 Cincinnati O

Our disappointed leaves
 tomorrow for Tiffin to
 start on it then -
 there is no delay - we
 are pushing the matter.
 Wm. D. Edwards

Oct 5 3

Est. J. J. Esq., Treas.
 Edison Co. N.Y.C.
 Lawrence Mass

Dear Sir: We beg to acknowledge receipt of your favor of 2nd inst. and in reply would say that your wishes in relation to meters are thoroughly understood. We have ordered forward to Lawrence 5 additional meters for 12 (20) lights and 40 additional meters for 25 (20) lights. Also the following extra bottle plates and rubber attachments.

| | | | |
|----|-----|-----|--------------|
| 10 | for | 12 | light meters |
| 26 | : | 25 | : |
| 10 | : | 50 | : |
| 10 | : | 100 | : |

#2

This will complete the 50 extra
accounted bottles, plates and rubber
attachments mentioned in our
estimate and will leave you
10 extra fixtures for each class
of meter you have at Lawrence.

Trusting this will adjust
the matter to your satisfaction
We are

Yours truly
James R. Edinburg

Nov 5th

Pat Dunn Esq, Vice Presdt
Edison Elec. Mfg Co
Tiffin, Ohio

Dear Sir:

This will introduce to you
Mr W.D. Rich, our Supt. of Construction
who goes to Tiffin for the purpose
of starting work there in connection
with our Central Station installation.
We shall be glad if You will
give Mr Rich any information he
may require or you may think
would be serviceable to him in
advancing the work -
He is particularly anxious to

42

meet those parties who, you mentioned to me, were willing to contract for brick furnished in the wall @ \$8⁵⁰ per M. Will you kindly give Mr Rich the opportunity of meeting these people.

We are in receipt of your telegram of today, stating that your Company want building 40' x 60', and accepting our price of \$500⁰⁰ over present amount of our Contract making the same \$18,500 instead of \$18,000. which takes with him all the necessary drawings and

3

will see that the work is
hurried to completion with
all possible despatch -

Very truly yours

Samuel D. Ingham
Private Secretary

Nov 5th 3
 A. Stuart Esq
 Editor Ohio State Gazette
 Care of the
 Cincinnati, Ohio

D. L. L. Referring to your letter
 of 2nd inst, with which you
 enclosed a map of Springfield,
 which we return herewith, we
 beg to say that the Committee
 almost willing to no longer
 from the appearance of the
 chart we take it that
 most of the blocks in the
 district proposed are of
 the same size - It is

impossible to scale them off
 the map with any degree
 of accuracy and if it is
absolutely impossible for
 you to supply us with a
 map of Springfield drawn
 to a reasonable scale and
 which we can rely upon as
 to correctness we wish
 you would let us know
 the edges of the square and
 the width of the street
 enclosed in the red
 line on check herewith
 You must understand

that it is impossible for
us to prepare an estimate
and vouch for its correctness
when we have to guess at
the sizes of the blocks we
are supposed to light.

Very shortly you will
be pressing us for this
bid and complaining about
the great delays we submit
you to and on the other
hand if we compile
slipshod data you will
complain about that.

On receipt of reliable
information we ^{will} ~~will~~
prepare an estimate.

Yours truly, ^{James} ~~James~~

Wm. A. Cason

I am sorry you will
be dissatisfied as for this
matter we are complaining about
a great delay in submat
the other.

Very truly
yours, ^{James} ~~James~~ you will
understand about this.

Nov 61
 Bedford Mass
 Friend Rev Mr G
 Lawrence
 Mass

When may we expect
 check for two thousand
 dollars
 H. A. Gibson
 D

Nov 7/3
 Paul Small
 Westminster
 Providence
 R.I.

My dear Mr. Small
 I have been very
 anxious about sending
 it is under ground. But
 I have got the same.

#2

My ~~dear~~ Mr. Small
 go to Hartford and expect
 you. I would suggest
 you going there and
 explaining about sending
 and necessity of the same
 before estimate ready to
 go.

Nov 1/3

Wm. D. Smith
 Dr. George W. Davis
 Providence R.I.

18-41

Wm. D. Smith
 Dr. George W. Davis
 Providence R.I.
 Nov 1/3
 Wm. D. Smith
 Dr. George W. Davis
 Providence R.I.

Nov 7th 3

A. J. S. L. S.
Fifth Ave Hotel
City

Dear Sir:
Mr Edison has requested
me to inform you that he
will be pleased to meet you
at this office at ten o'clock
tomorrow morning -

Yours truly

J. M. Mull

Private Secretary

Nov 7/ 3

Samuel Russell Esq
Boston Mass

Dear Sir:

Since dictating the accompanying
 letters to you, I find a letter to Mr. J. B.
 Clarke of Lawrence ^{Mass} dated Nov 10/83
 of which the following is an extract

"If you decide to cut off the conductors
 beyond Jackson St, the cost of the steel
 installation will be \$4952 and if
 subsequently you decide to lay 826
 feeders the balance of the mains
 this work would cost you \$3327
 or \$363. more than if the whole
 work is done in the first case. I
 Enclose blue prints one showing lamps
 and the other showing feeders"

You will see by this that

52

the Cost of laying mains to
Jackson St was \$7982 and
of subsequently laying Trench
at 106 balance of main's cost
was \$3227 - Total \$11209⁰⁰

This latter amount exceeds
the amount of our contract
for street installation (\$9000)
by just \$363 from which
I infer that we subsequently
agreed to complete the work
without making the extra
charge of \$363.⁰⁰ -

The point is to obtain from
Clarendon the ~~same~~ memo sent
with letter of April 28th last -

Yours truly



Nov 8. 3

write help to
937 Broadway.
City.

Dear Sir

Please make me things
with ~~leather~~ about same age as
~~about~~ as quickly as possible and
charge

Yours truly
Geo A Edson
P.

Consignment for Bill

P.S. put a common stamp with no
words around.

Nov 27 3
W.H. A. D. Mally Inc
Edison Va City
Dear Sir
Very

Very important that
you should see how
and all we at once
Reply
W.H. A. D. Mally
P.

Nov 3

Johnston

William & John St

Quinn's O

Mr. Brown is not
going to Louisville

John & Family

Nov 3

By Quaker to ix

Louisville

Waiting for special message
every day along
Photo taken

no.

Photo 50 m

Nov 81 3

Hunt House

D. D. D. D.

D. D. D. D.

D. D. D. D.

Benjamin says has been
supplying Kuroi with
meat, that's all
for day - claims this
is all Kuroi can

was daily.

He says that
there is plenty of
order outside and
also Benjamin
concentrated on
balance, which

W.D.

Quotations to come here at
once see Mr. P. Dixon.
Both must correct
Barton account
of ~~the~~ ^{the} ~~same~~ ^{same} ~~account~~ ^{account}.
However, people will
see no on account

113
J.D.

For me to ~~supply~~ ^{supply} in
series of ~~concord~~ ^{concord}
but can't state how
much as have as
little yet. - Am
posting everything in
office. ~~W.D.~~ ^{W.D.}

#579

you & Captain Price
 wanted - found
 there no more -
 skin with most other
 notes - they will now
 come to hand -
 Note of one lion

#618

see detailed notes
 what do you think
State

Nov 8/3
 to Mr. Edmund
 Abbott Canal

Have you purchased
 Central Station lot.
 If so wire exact
 location and exact
 size. Is it level.
 We are making

NY

We matter though.
 Will send estimate
 to Williamport tomorrow.
 We have our telegraph
 very fully ~~to~~
 about lot tonight with
 H. A. Davis

3

Nov of 3

My dear Ansell

Your letters and
telegrams received.

In relation to Upton I went
down and saw Hastings about
giving him money for his pay roll
and a note he had to meet,
also a bill of \$1000 on a check
he sent to Canada for \$79⁰⁰.
In all he required about \$1800.

Hastings said he could
only let him have about
\$1000.⁰⁰ but as this would
not meet his pay roll and
the other matters as well
I considered it best to only
give him enough to meet

Note we and, allow the pay
 roll to wait till Saturday
 so he could 'nt pay part
 of it without paying all -
 Besides he'd have ~~dis-~~
 appropriated the extra
 \$500⁰⁰ and have come around
 here on Saturday knowing
 pay roll money thereby ~~paying~~
 \$500 ahead of us which, ~~making~~
 that we won't be able
 strike the L & L for much money
 on Saturday or at of note.
 they have to meet, I ~~think~~
 would be a bad piece
 of financing!

I see Mr. Crocker and

#3

showed him showing ^{Jeff}
Contracts - The former
had Mackinac Artillery as
you requested -

Mr Cowles informed me
that they could have all
Jeffers Copper out by the
end of next week. I
might also add that he
said "thank you" when I
gave him the order. They've
great people to deal with.

The "H" machines for
Fall River will be shipped
at once. There is nothing
wrong with the construction
of the 350 light machine

and they will have to wait
till next week early -

I will have Henry's R.
ready for you tomorrow.

I have written Henry
Holmeson making an appointment
to go for next Wednesday.

I saw Mr. Edman and
showed him what you said
about Fall River - He told
me to ask Lowell to come
on here at once, which I
did, and Mr. D. will be
here tomorrow morning
when everything will be
arranged much more

#5-

Satisfactorily than I could
be by correspondence.

Moses Packer & Co will
ship Fall River paper on
Saturday morning. They say
delay was caused by a number
of ~~off~~ cashing necessitating
new patterns.

Went down & saw
Bergson & Co about Kreutz's
cashings. They say that
Kreuz told them he
would be satisfied if they
could supply him with
100 per day and they
has been going him the old
they state is more than

#6

he can use. They have
suggested that he place
part of the order outside
and have written him, and
you to that effect.

Campbell will start on
our files tomorrow-morning.
Am much pleased with
the work he has done in
the Eigs room-although
their 'statistics' are not
yet complete!

I sent for Randolph in
attendance with your name
and he said he once before
included the 'Bible' &
in a statement for
similar kind and for the

#7

him not to do it again -
 He however received an
 erroneous impression at
 the statement you told him
 not to put it in was one
 showing our inability to
 contend people. This
 however is a detail which
 will be adjusted.

The Lamp Co's foreign order
 of is O.K. and has not been
 mixed up -

I arranged with Hatchman
 for the recall of Doubleday
 and he is sure after
 Saturday next. Have it
 instructed Doubleday

#8

Yet but if I don't receive
a telegram from You in
the morning to the contrary
I will order him to start.

Randolph has all
Bills prepared for you -
The Chilean lamps (2700 of
them) go forward for
sp tomorrow and I call
them that information -
all Edison's clothes (see)
were sent to Lincoln him
last Tuesday evening -
Thus I have all fully

#9

with all the points embodied
in your letter -

In relation to the
Brockton of the motor
which he supplied them
with was one which we
had used in the laboratory.
Bergmann supplied it only
with the automatic cut-
off.

Having been unaware
of this fact until prompted
by your telegram to
investigate the matter,
and having been unfamiliar
with the cost of motors,
I presumed Bergmann
had supplied it in this

#10

and that the amount of his bill included everything.

I have however adjusted the charge and suppose we will have to give the Light Co Credit for the cost of the motor alone - inasmuch as it was an experimental machine & paid for by them.

I thought Johnson was one of our experts and that's why his time was left out - You'll find this bill O.K. however.

Tonight I have sent out of the office the following Estimates - Norwich, Hatch,

#11

Danbury and Keenah.

In the matter of Danbury
I received an approximate
bid from the Gule Co (Kreuer
was not in town today) and told
H&K that the amount for
sheet installation was subject
to revision - Kreuer can go
to Danbury in time to enable
you to take a revised bid
for this work with you on
Wednesday - Thought it
better to keep the promise
we made H&K to send
Danbury tonight as we
have been particularly
unfortunate in our dealing

#12

with them and a surprise
 will do them good -
 Mr Carmel estimate goes
 out tomorrow. Had another
 letter from Shaw ^{the} ~~the~~ ^{including}
 one from Schoenck, Pres. of
 Mr Carmel is saying that he
 (Schoenck) considered we are
 doing them an injustice
 by not commencing work.
 They have called in 25%
 of their capital and are
 ready with the 'dibs' then
 we are ready to take them.
 Great God this snap must
 be commencing to soon
 - when people complain

#13

about our not announcing
~~work~~ before they have
 ever seen an estimate! -
 I only hope that this is
 a fore-runner of the
 boom that will start all
 over which will enable us
 to assume a ~~more~~ more
 independent position in our
 relations with certain people.
 Recently we have been a
 sort of a 'bolt' for anybody
 to kick at but the day
 is fast approaching when
 they will simply pile

121

Gold at our feet!!!!

Hagleton estimate I hope
to send off tomorrow also.

I am pretty sure it
will go but not say so
definitely -

On Saturday we
have two notes to note -
One Lord Taylor \$653.
and the other, Babcock &
\$27.95 about \$29 interest.
Reed notice tonight that the
latter is at the ^{London} National
Park Bank - On ^{Friday} ~~Monday~~

#15

There is another for
 check Wks, Maaghty -
 sent to \$724⁶⁹ -
 we have money to meet them
 all - Its nearly twelve
 o'clock so 'good night'.

Yours truly



Nov 9/3
 Paul Howell
 Secy Erie Mfg
 Co. Quetta
 Ohio

Quetta Contract
 thirty one thousand and
 eighty five dollars
 cash paid twenty
 two thousand seven

7

thousand and eighty
 six dollars twenty
 five cents. Balance
 due eight thousand
 two hundred and
 thirty eight dollars
 twenty five cents.

with amount of ~~about~~
miles last night
Est
Cost

Apr 21 3
 Lewis & Clark
 Northwest
 Can

Don't you make experiment
 men to meet the house
 in the first meet the meeting
 evening: Right. Don't
 make last night
 the meeting

March 21 3

Small Shovel

to C. F. Parks

Edison Bee Hives

19

Shackles etc

Edison's Robinson count

for in doubleton

to count making

extraordinary night. for

one month at by every

12

for eight a block

on day morning

of the 11 made eggs.

month

of the
to the

Nov 9 3

Gustav Seldam Esq
 Sup't, 102 Girard St
 City

Dear Sir:

Will you please fill in
 the attached form as to revolutionary
 dimensions of the different
 types of machines and return same
by return.

In relation to foundation
 plans and all other information for
 the new machines you should take
immediate steps to get this data
 out. If you have not got draughtsmen
 you must get them right away.
 Let me know what steps you will
 take to effect this end.

Yours truly

Thos. A. Edison

122

10/3

#2

James Robinson
New York, New York

Dear you want to see
the from the right company
the license contract.
I am only deal with
the for installation
of the. The use my
next morning would

be from a bar - I can't
leave any way from
Monday or Wednesday.
Ricky

James Robinson

Nov. 11th

Harris & Robinson
Trust his Calling
Hartford Conn.
Absolutely impossible for
me to leave New York -
Can send my assistant for
two weeks this Monday
or go myself Wednesday.
H. Small

Nov. 11th

A. W. Tate
of C. & Y. King
Wooddale N. J.

You must be here early
Monday - May want you
go looking the Friday.
H. Small

Nov 17 8

H. B. Beckman Esq V.P.
 Edison Ac., Ill. Co.
 Newburgh N.Y.

Dear Sir: This will introduce
 to you Mr W. D. Rich our Supt.
 of Construction who goes to
 Newburgh to prepare for the
 reception of our material
 and to see how you are
 getting along with the
 building. Yours very truly
 Geo. F. Johnson

Nov 27 3

Marrio Robinson
 C. J. & Davidge
 Southington
 Conn

Mr Hastings and
 representative from my
 office will be at
 Southington tonight
 I trust I shall

Wm. L. Lumsden
 Engineer
 Cleveland Ohio

Oct. 12 3

Dear Sir: We are in receipt
 of your catalogue of the school
 books accepted.

Very
 Respectfully
 Wm. L. Lumsden

Nov 27 3

J. D. Hanson
about 6 milesThey will be
here at ten

Wm. H. Kinn

Nov 27 3

W. H. King
Cannell
R. G.Have to go to Augusta
tomorrow night
last business
there

Nov 27 3
 John W. Hall Esq
 Committee on En-
 219 Church St
 Baltimore

I shall be pleased
 to meet your Committee
 on Thursday at separate
 discussions

Nov 11 '3

Mr. J. J. ...
 33 ...
 101 W. 5th St. N.Y.
 N.Y.

Dear Sir: We have been informed
 by Mr. C. H. Parker, one of our
 Engineers, that your Company
 having completed their late survey
 have a larger staff of Engineers
 and draughtsmen than will be
 required. Could you be kind
 enough to send two or three
 young draughtsmen up to see
 us, who have been accustomed
 to plotting charts of towns. We
 should prefer young Germans

and will be indebted if you
will kindly give the
matter your early attention.

Very truly yours

Thos. A. Edison

Mar 157 3
 A. J. Shaw

Langston R.

I will not have lumber
 and pithy do have more
 to supply two engines -
 We consider it totally
 unnecessary
 Wm. J. Shaw

Mar 157 3
 Wm. King
 Concordale
 in J. P.

I just get out tonight -
 this is not for you.

A. J. Shaw

Nov 16/1 3
 Wm. R. L. C.
 70 E. 10th St. N. Y.
 Fall River
 Mass

~~Wm. R. L. C.~~ (Houghton thousand)
 Legit contract - Check.
 will meet you here
 Sunday morning
 Paul R. L. C.

Nov 16th 3
 Wm. R. L. C.
 70 E. 10th St. N. Y.
 Mass

We urgently need
 answer to our letter
 of fourteenth instant.
 Reply

Wm. R. L. C.
 70 E. 10th St. N. Y.

~~Nov 17, 1907~~

Nov 17, 1907

Dr. Q. Clark

Williamport

Quinn.

Which Bellefonte

cannot acceptos.

Leave from Sunday

morning particularly.

Rich leaves for Henry House

regular and Bellefonte Sunday

night.

~~Nov 17, 1907~~

Nov 17, 1907

Dr. Q. Clark

Muncie Park

Quinn.

Which Bellefonte

cannot acceptos.

Leave from Sunday

morning particularly.

Rich leaves for Henry House

regular and Bellefonte Sunday

night.

Nov 19th 3

Messrs Babcock & Wilcox
30 Courtland St
City

Dear Sirs: We beg to Enclose herewith
our orders NO 393 and 394
of today's date for one 92 H.P.
and one 82 H.P. Boiler
respectively also our cheque
NO 282 for ~~\$877~~⁵⁷ the
same being 25% of the
Cost of the above boilers.
We should like them
also our Newburgh, Tiffin
and Mount Carmel Boilers

shipped immediately -
 If by delaying our Newburgh
 earlier you can make earlier
 shipments of the others
 we would prefer you to do so,
 but we trust you can forward
 all of them as we desire
 without having to pursue
 this course -

Kindly sign & return
 our receipt for check
 sent herewith & oblige
 Yours very truly

Nov 19/3

Laud Lellaore & Son

~~London~~

Elizabethport N. J.

Dear Sirs:

In accordance with
our telegram of this morning
we beg to enclose our
orders 388 and 391 of today's
date for plates & washers
for Hazleton Pa and Bellefonte
from patterns 1 and 6
respectively -

We are depending
upon you to rush these

~~22~~
~~Spokane~~

together with other orders you
have on hand for us, to the
greatest possible extent.

That you may better
understand our hurry in
this matter we would
explain that the Contracts
of which your material
forms a portion, i.e.
time Contracts and if we
should be delayed at all
in the receipt of our
material it will prove
disastrous to the fulfillment

¹³
~~Handy~~

of our agreements -
 we therefore beg to impress
 upon you the necessity
 of making quick shipments
 and trust you can see
 your way clear to
 meet us as we desire -

We have pleasure in
 enclosing herewith our
 cheque of \$282 for \$153⁷²
 which balances your ^{of}
 as far as we have bills
 or shipments have been

~~very~~
 really

made and we shall be
 glad to know upon
 receipt of this ~~letter~~ what
 the very earliest dates
 of shipment are that
 you can give us for orders
 now under way -

Very truly yours

Wm. A. Cairnes

If by delaying the forwarding order you
 can make earlier shipment of the balance
 of our orders we should prefer you to do so
 but hope this will not be necessary -

Dear
 Wm. McKelvey
 Esq. New York
 England &c

Just fifty six by
~~one~~ hundred and
 fifty in black four
 or one are perfect
 every
 kind of disappointment
 will be there.
 Tomorrow at New York
 3-8-41 R. H. Harrison

Dear
 Wm. McKelvey
 Esq. New York
 England &c

Have you three
 sets of these belonging
 to you. Reply quick
 Wm. McKelvey
 Esq.

10-26

Nov 20/3

W. J. Andrews Esq
 C. E. I. Co.
 Lawrence Mass

Dear Sir: In arranging the
 interior of Central Station
 in future you should
 calculate upon putting the
 regulators, indicators or
 at the other end of the
 building - as far away
 from the dynamo as
 possible as W. Sprague
 states that at Brockton
 the new indicators are
 affected by being within the
 field - ^{very truly} Yours, Hanson L.

Nov 20/3
 F. J. Sprague Esq
 E. E. & Co.
 Braekton Mass

Dear Sir:

Can you not arrange
 at Braekton to remove the
 regulator boxes and indicators
 over to the other end of the
 building so as to get
 rid of the influence of
 the dynamos.

Yours truly

Wm. A. Laisors

Dec 22/3

Mr. Henry C. Brown
 City of
 Portland, Me.
 Dear Sir:

As the matter of
 St. James' school has again
 come up we would like
 to know if you desire to
 receive your bid for the
 street installation in our
 case June 30 1883 and
 amounting to \$16,500.00.

The new pavement they
 are constructing there will
 not be laid in streets

included in our proposed
district until next Spring,
but as a matter of information
we should like to have an
estimate from you based
upon the assumption that
this pavement will have to
be dealt with. It is
constructed in the following
manner - First the street
are graded, then macadam
laid; upon the surface
of this macadam they put
a layer of tar - upon this

#3

are laid heavy red granite
blocks which are also ~~coated~~
and coated with tar and
on top of this is a layer
of gravel.

It is necessary that
we should have the information
at the earliest possible
moment. We presume you
have on file in your office
a chart of the proposed
district.

Yours truly
Charles E. Lyon (initialed)
by [signature]

Messrs. H. H. Robinson
 Hartford, Conn.

Dear Sirs: We have pleasure in
 sending you herewith statement
 of Running Expenses and Profits
 for 6 months past proposed
 installation, based upon the
 assumption of a \$50,000
 Capitalization.

You will observe that with
 the price for 2000 candles
 placed at the low figure

of 700, and averaging only
2 1/2 hours per day, the
percent for dividends is
nearly 5% - This is a
very satisfactory showing
Yours truly

Wm. H. P. [Signature]

Nov 27
 Geo Harris Esq
 Union St. My Co
 Bellefonte Pa

Two hundred and
 fifty dollars which
 covers additional cost
 for quick twisting
 Geo. A. Harris
 J.

Nov 28
 Wm Quaton M^r
 338 West Main St
 Louisville Ky

Thirty one thousand and
 no right to be given.
 Is this how you are
 do -
 Geo A Harris

Was the
Dr. Preston who

338 West 41st

Levinville by

County from the road
dollar lot went to.

Now you get others

on lots from West

one block west ~~from West~~

Central Station

Maple Avenue

20-11

Nov 26/3

J. D. Shaw Esq. State Atty.
Edison Elec. L. Co., in Pa.
Williamsport
Penna.

Dear Sir:

We have your telegram of
24th inst. stating that our estimate
No. 4413 for 3200 lights, amounting to
Fifty three thousand two hundred and
twenty five dollars and 76 cents —
(53225 $76\frac{1}{2}$) had been accepted by
the Williamsport Company.

We enclose herewith agreement
in duplicate and beg to call your
attention to the fact that one
of these we have signed. Before
this is delivered to the Company

or BB

you should send us a remittance,
also return the other agreement
properly executed by the Williams-
port Company for file in this
office.

We have already commenced
to get out our material for this
work and are making other
arrangements in order that this
may be pushed to completion
in unison with our other
contracts in Pennsylvania.

Please return our copy
of the agreement as early as possible.

Relights will
be sent you
tomorrow

Yours truly

Thos. Edison

2

Telegram

Nov 27 3

W. Preston Rice

338 West Main St

St Louis ^{Mo}

Lot seventy four feet front on
Green Street one hundred and
Eighty feet on alley between
second & Third Streets, price
Eleven thousand with brick
dwelling ~~which~~ is the one
we must use. This is first
one selected. None of your
subsequent proposals will
answer.

44 / 162

Thos. A. Edison

Nov 27
 Co Weston & Co
 338 West Main St
 Louisville Ky

We cannot authorize you to
 make the purchase.
 Had no intention of one
 that would be our
 purpose especially
 cleared out to be had.
 parties interested in

formation of Company
 may make purchase
 if so disposed ~~is~~
 of the interest
 We have nothing to do
 with real estate beyond
 clearing which let us
 have our satisfaction. We

best. If thou can't
do more you might
get option extended
J. M. C. C. C.

67

Ms A 28 3

P.B. Shaw
90 Elgin Ave Station 6
New York 6 41 Ave St
Kew-Forest, N.Y.

We cannot accept contact
unless authorized by
Flight Company.
The major's return began
to you of this morning

Shaw

1/2/65

Nov 28/

O. Stewart

Cincinnati, Ohio

Box 899 67th St

Cincinnati, Ohio

Ohio

Again a kind word
 kindred light and
 mine coming there
 kindred and party from
 light comes to within
 known light and beauty

mine all over - all

paper mailed

today

Thanksgiving
 1894-1944.

Nov 27 3

J. Dickinson Esq
 6 Garden St
 Pokesie
 N.S.

Dear Sir: We require for estimating
 purposes information in connection
 with prices of different kinds of material
 and labor in accordance with the attached
 form - Mr. Chas. T. Hughes, of the Boston
 Light Co. suggested as a writing you on the
 subject. Would you be kind enough to
 submit this form to some local builder
 who you think could furnish us with
 reliable prices. We shall be greatly obliged
 if you can assist us and return same at
 the earliest possible moment as our estimates
 are being delayed for want of the data
 required.

Nov 28/ 3

Mr. Stuart E. Lee

Edison Electric Station Co.

Cincinnati, O.

Dear Sir:

We beg to enclose herewith our estimate of \$205,000 for the erection of Edison Elec. Light Central Station plant at Leona, Ohio, amounting to \$13,579.00 the same being of 5000 light capacity.

You will observe that the detailed proposed wiring covers 7000 lights, or about one half more than the nominal capacity of the plant.

For this size of plant the estimate is a particularly low one. At Mount Carmel Pa.

we closed a contract a few
weeks ago for a luminator sign
installation the amount of
which is \$14,000.00

In relation to the new laboratory
and the cheaper building for physics
laboratory we would state that the
cost has increased the cost of the
street installation by \$4,000.00.
The building we have retained
by \$1,000.00 and as the price
of 10 lb. lamps has decreased,
since the first figure estimate
has submitted, from \$5.00 to \$4.00
we have changed \$2,000.00 for
250 lamps in the laboratory room.

13

instead of \$500 in the last
 "numbering" the estimate was
 comparison.

These changes with a
 reduction in the estimate
 put you today, from the
 former estimate, of only \$21⁰⁰.

We might have stated ~~that~~
 it has cost us a great deal
 more than \$21⁰⁰ to make
 all these changes in the ~~estimate~~
 estimate. We have already
 submitted to you one of the
 lowest, if not the lowest,
 500 light plant estimate
 we have ever yet prepared.

H. H.

upon if the people interested
 in this matter really mean
 business they must certainly
 agree with us in thinking
 that the results obtained
 from the numerous sessions
 hardly justify the delay and
 expense of making them.
~~one~~ ~~that~~ We are only too
 glad to have any meet the
 requirements of the persons
 connected with any proposed
 establishment that would be the
~~proper~~ ~~affairs~~ ~~or~~ ~~regards~~
 north, bottom, and so on.

Nov 25/3.

Billings E.
224 Pearl St
Calif.

Dear Sir: We sent some of the
Sulp. mine which we received from
Leha & Fink to the Laboratory
and had it tested. The
result condemns the material
absolutely, owing to the large
quantity of iron it proved
to contain.

On account of not being
able to use this we are
again obliged to call upon

#2

you to "help us out of the mire".
 Will you very kindly send us
 25 lbs sulph. zinc to Mr
 H. Ward Leonard of Edison Elec
 Mfg Co, Lawrence Mass.

Our Mr Insull is at the
 present time effecting an
 arrangement with another
 firm to supply us with a
 quantity of this material
 of a better quality.

We were informed by
 Lehn & Frank that they

give us the same material
 as you are in the habit
 of getting from them but
 evidently this is not so.

We will request them to
 give us credit for what we
 have on hand at the present
 time.

Very truly yours

J. M. W. L. Dep't
 J. M. W. L.

You credit for them. After we
 have examined them and
 ascertained their value
 if they are all right and
 all parts complete we will
 allow you the same amount
 as you paid for them in
 the first place.

There is another portion of
 them returned which we
 would like to take to your
 attention: Under the head of
 "Outside Warnings" you will see the
 following:

3 Translators, 100.00 (100.00 and)
 Labor on outside wiring \$24.35 00
 By 24 July 1942 289492

"3

To Digging Holes and Setting

129 poles .352⁰⁰

By 24 poles not erected 66.52

In relation to the credit of
 \$289.92 which you take
 you have determined the average
 cost per pole by dividing
 229 into "42.38" which gives
 \$12.02.

Again, in relation to the
 credit of \$66.52 for ²⁴ poles not
 erected you have determined
 the average cost per pole
 by dividing 129 into ".352⁰⁰.

Now 129 were the
 actual number of poles

11

Erected and instead of dividing
 these totals by 159 in
 order to obtain the average
 cost per pole you should
 have added 159 and 21
 together and divided the
 amount by this result.
 As it is now obtain the
 average cost for 179
 poles and then deduct
 20 of them. Whereas you
 should have obtained the
 average cost of 15.3 and
 then deducted the cost
 of twenty four. In the

#3

first instance quoted this
makes the average cost
per pole 10^18 instead of
 12^08 and the amount to
be deducted 1244^32 instead
of 789^92 .

In the second instance
the amount to be deducted
is 53^70 instead of 652 .
You have calculated the matter
as though there were 129
poles in the Contract but
only 105 quoted.
You will see from

p 6

this that you have credited
your account with \$56.⁹²
too much and which
amount we are entitled
to. We trust we have
explained this matter
clearly and shall be
glad to hear from you
as to your views on the
subject.

We presume you will
be quite willing to allow
us to adjust this discrepancy
when we are allowing

#7

you a credit for temporary
features recently returned

In the meantime we
beg to remain

Very truly Yours

Thos. Edison Comptroller

By Sam. Insull,

Nov 30/3

Stewart & Lee
 Charles Union Instals
 Cincinnati O

Dear Sir: The land under separate
 cover, by same mail, map of
 Kansas lately sold, and shall be
 glad if you will advise us
 of options on land within
 the red circle marked thereon.

In addition to supplying
 me with information in
 accordance with the annexed
 form will you be so kind
 as to let us know if there are
 many telegraph poles in alleys
 through which we propose

or

uncalled

to run on if there are any
objections. Whether to our
going through such alleys.

Can we run across block
way as per ~~the~~ red dotted
line also can we run in
streets where we put red lines
such as Delaware St, Fifth St.

Here name any spot
through which our red line
passes; where there would be
any objections to our going
or anything in the way of
obstructions to prevent the
Erection of our ~~transit~~ ^{transit}
Pole running ^{road} ~~lines~~ ^{lines} ~~to~~ ^{to} ~~the~~ ^{the} ~~Dept~~ ^{Dept}

Nov 30/77

Messrs Babcock & Wilcox - Inc
30 Cortlandt St
N.Y.C.

Sir: We have received your notice
of the shipment of the Hawthorn
boiler and beg to say that we
regret exceedingly that this boat
forward. The building at Hawthorn
will not be ready for some
weeks and we will consequently
be compelled to pay storage
on our boiler until the building
is sufficiently far advanced
to enable us to commence work
in connection with setting.
We requested you by telegraph to
hold this boiler until we notified
you to ship. Very truly
Yours A. Edison.

No. 381 3

W. H. Winants Esq, Genl
 Armour Bros. & Sauter
 Kansas City, Mo

Dear Sir: Under directions of Mr
 Brewster we send you under
 separate cover by same mail
 map of Kansas City & Co.
 We'll be glad if you will advise
 us of any lots available for
 Antel Station purposes
 within the Circle thereon.
 In addition to supplying
 us with information in
 accordance with the enclosed
 form will you please

or

we know if there are
many telegraph poles in
alleys through which we
propose to run or if there
are any objections whatever
to our going through such
alleys.

Can we run across
black & as per red
dotted line, also can we
run through sheds where
we put red lines such
as Delaware Street, Fifth
St. Please name any

#3

Street through which our
 red line passes, where
 there would be any objection
 to our going on anything
 in the way of obstructions
 to prevent the erection of
 our poles and the running
 of our wires - also any
 suggestions you may be
 pleased to give us as
 to overcoming such difficulties.
 Please favor us with
 a timely reply.

Yours truly
 Thomas C. Johnson and Co. Sept
 12 1886

Nov 30

3

Friend Doran,

If you know a first class wire
gang foreman who is familiar with city work
would you send address to me and oblige,
one that carries an 8 1/4 bit and reads plate
in the original Greek.

Yours

Thomas A. Doran

Nov 1 3

James Chipman

Do you know the address of
a 1st class firm of contractors who is used
by city work. Perhaps W. L. have some; want a
person who has brains, who seems an 8%
bet or reads plot in the original Greek.

Yours

Wm. A. Brown

100 State St. Boston, Mass. 3. 17. 1890

Honor/

Mr. M. Lincoln Esq. Care
 Chamber Base Building
 Kansas City,
 Mo.

Dear Sir: By same mail under
 separate cover we send you
 blue print of Kansas City
 with red lines marked for
underground conductors.

In connection with this
 we shall be glad to receive
 from you information as
 to the nature of the pavement
 of streets through which we
 propose running (as indicated
 by red line), nature of soil
 and whether rock is

be met with in any of
the sheets or if there
are obstructions of any
nature whatever which
would prevent our adopting
the course we propose.

The maps sent up the
morning are mailed for the
line - that you also be kind
enough to submit the
attached form to some
reliable local trader and
have him fill in the
blanks as to prices
of material and labor.

which information it is necessary
for us to have to act in
connection with our
Delegates on the 2nd of
August -

Regarding these matters
we shall be glad to
hear from you at
the earliest possible
moment. Yours truly

The Rt Hon. Genl. Secy
 of State.

Answer

A. Reese Esq
Plymouth
Pa.

Dear Sir:

We have referred ~~you~~ ^{the}
of 25th inst. in relation to ~~the~~ ^{the}
of a 500 light Electric Light
plant to W. B. D. Shad, ~~the~~ ^{the}
-plant Pa. State attorney of the
Exec. Elec. Light Co. to ~~the~~ ^{the}
who will give you all the ~~the~~ ^{the}
You require

Very truly yours

W. B. D. Shad
By ~~the~~ ^{the}

Nov. 21/93

Wm. Beckman Esq. Mr.
Chas. C. Hale
New York

Dear Sir: We have pleasure in
acknowledging the receipt of
your plan of the proposed
building prepared in
accordance with your oral
suggestions of this morning.
I trust the same will
be found satisfactory, and
the details strictly adhered
to by the architect.
Yours very truly
Thos. D. Edison Consulting Engineer
N. Y. City

Nov 30/93

Edward G. Loring
 Chas. C. Foster
 Cincinnati
 Ohio

Dear Sirs:

We send you tonight
 blue print of Urbana C. and
 shall be glad to receive in
 addition to information as
 per enclosed form, answer
 as to whether there are any
 objections to our running lines
 and erecting poles as per
 the red lines thereon or if
 there are any objections of
 any nature whatever, which must
 prevent our adopting the course
 we propose. Please let us hear
 from you as soon as possible.
 In addition,

have the rounded form 'as'
 submitted to some local
 builder in Watonga, Ok.
 You think our present
 reliable data as to source
 of timber & material, and
 those have led up to this.
 Very truly yours.

The following is a list
 of the various sources of
 information for the
 project. The list is
 arranged in alphabetical
 order of the sources.
 The list is not
 intended to be
 exhaustive, but
 to give a general
 idea of the sources
 of information.
 The list is
 arranged in
 alphabetical
 order of the
 sources.

Dec 11 / 5

Chas. T. Hughes Esq
 Morgan House
 Panglosses Key

Dear Sir: In relation to the Panglosses
 Estimate we beg to say that as
 it is to be an underground system
 it is necessary for Mr. Kreni,
 of the E. & T. Co., to visit the
 place before he can give us a
 bid. This Gentleman will be
 in Panglosses on Monday
 and will submit his ~~est~~ bid
 on Tuesday when we will
 immediately forward you our
 estimates - yours truly
 J. M. [Signature]

Dec 1st 3

W. L. K. & Co. Eng. & Sup.
Middleton
Chgo.

Dear Sir: We beg to inform you that we have closed a contract with the Edison Elec. Mfg. Co. of Middleton O. for the installation of a 500 light plant with overhead conductors for 864 lights, and in same envelope we send you chart showing the course of the conductors together with plans of building for Central Station. In our estimate (a copy of which we will send you tomorrow) we allowed \$2310⁰⁰ for this building - which is to be frame, so you will see that you can put up a very nice structure with good interior fittings. We have ordered the boiler and engine, but plate, bolts & nuts, belts, rope for wind and

27

pole has ~~been~~ ^{been} ~~used~~ ^{used} for the pole, and the
cover up as there you to get your
board started as soon as possible.
It would be no help for you to
arrange for the reception of our material
during your absence, but, perhaps,
the hope ~~to~~ ^{to} ~~be~~ ^{be} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~future~~ ^{future}
your data about Piqua.

In regard to ~~the~~ ^{the} ~~pole~~ ^{pole} for ~~the~~ ^{the} ~~station~~ ^{station}
we will require fifty, and eight
long ovals, by which we mean
that forty one feet will be the total
length of the pole regardless of
its height above ground.
Please arrange for the supply of these.
to ~~be~~ ^{be} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~future~~ ^{future} ~~to~~ ^{to} ~~be~~ ^{be} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~future~~ ^{future}

Yours truly
Lucas J. Smith

No. 70

D. 100

December 3rd

The Livingston & Sons Co

Providence,

R. I.

Dear men: two dynamos
from small Boston
engine. Price cost
\$1000.00. I will not
regulate the factory on,
also erecting all drive

A. J. 100

(2)

both sides.

Thos. A. Brown



Dec 4/ 3

Mr Inall:

I hand you herewith a statement showing what each town has cost us for surveying, mapping, making determinations & preparing plans & estimates, the total of which is \$10,398.⁰².

Out of this amount we have ourselves to bear the expense in connection with the following towns:-

| | |
|-------------|-------------------|
| Williamport | --- 189.33 |
| Shamokin | --- 116.48 |
| Brockton | --- 297.59 |
| Lawrence | --- 101.92 |
| Sunbury | --- 129.01 |
| Fall River | --- 351.29 |
| Bellfonte | --- 288.38 |
| Middleton | --- <u>224.47</u> |

Grand

\$1698.47

7
~~Sub~~

| | |
|--------------|---------|
| Brookford | 1698.47 |
| Rena | 232.66 |
| Newburgh | 248.56 |
| Triffin | 232.36 |
| Hayleton | 117.12 |
| Mount Carmel | 102.11 |
| Total | 2631.28 |

This leaves a balance of
\$ 7766⁷⁴ chargeable to
the Light Coj.

Inasmuch as Mr. Sprague
left none of his notes in
the office here we are
unable to tell what
determination he was

#3.
J.S.

Employed on during his
lengthy sojourn in New
York last summer, and
he are consequently unable
to make an equitable
appropriation of his time.

I will endeavor to get
from Mr. Sprague such
data as may be in his
possession in regard
to determinations he has
made and charge out
his time accordingly.
Mr. Sprague's failure

~~\$\$\$~~
(on refusal) to keep these
notes on our files may
now cost us some money.

Chate

Dec 3

W. H. Rich Esq
 Capt. Genl.
 & C. B. M.
 Piquette O.

Sir:
 We send you herewith
 copies of sketches as closed
 with Middleton & Piquette
 Companies also plan of
 Piquette Station and map
 of district.

We will require at this
 place 95 poles; 40 ft long
 overall 8' top 14' to 16'
 butts and 191 cross

20th

Now you will note that
the amount allowed for
the Regina building is \$1050
~~rather~~ notwithstanding the
fact that the details and
size are the same as the
building at Moose Jaw
at Middleton, which latter
is allowed \$2200⁰⁰ per.

You will therefore not
fit the former up as
cheaply as the latter

^{23rd}
 so that there may be
 some distinctive features
 to refer to should it ever
 be necessary to discuss
 the respective coats with
 parties outside our own
 immediate circle -

Yours truly

Thos Edison Great Hall

By Sam E. Smith

Dec 27 3
Wash. D.C., Dept
Gen. Sec. Mr. May
Circulars in
Ohio

Morris of Bellfonte wrote
that another roofing &
failure in that climate
doubtless had already been
Bellfonte Company before things
were over there. John Bell

549
William Johnston & Son
601 Broadway
N.Y.

[illegible]

2. P. Shaw by 5th Dec 8
 Cincinnati

Dear Sir, I am glad that the
 following are the
 first Ohio towns in
 the order in which
 they are named

Lima
 Canton
 Webster
 Chillicothe
 Washington &c.

Yours truly
 Thos. Lewis

P. Sawin

December 8th 3

A. Stuart Esq.

His Eminence the Duke of
Cleveland

Cincinnati, Ohio

Your correspondence with
some individuals who
have sought their do-
minion in some places
it is very appropriate
should be kept in

A. Stuart

(2)

Correspondence in it is
while but is being much

than to the

the

Spencer, John, Ensign
 that he had not
 been killed
John was

Dec 31

2^d Sir:

We beg to enclose under
 separate covers blue prints of
 Spencer, Withers, Palmer and
 Southbridge. On each map
 the districts have been marked
 off and the route on each
 chart indicates the area with
 which it is connected to each in
 a lot for Central Station
 purposes.

Yours truly,
 H. A. Jackson

supplying us with information
 in accordance with the

17

attached, I trust it would be
 acceptable to the parties
 to whom you sent the charts
 to look carefully over
 the district we propose having
 and ascertain if there are
 any objections which would
 necessitate a change.

We should be glad also to
 have any suggestions or
 alterations should any changes
 in the course of our operations
 be found necessary.

Yours sincerely

Wm. B. F. Jones

Thomas A. Edison Construction Department Letterbook, LM-017

This letterbook covers the period December 1883-January 1884. Many of the letters are by Edison. There is also correspondence by Samuel Insull and Alfred O. Tate. Most of Edison's letters are in the hand of Insull or Tate, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. Some of the letters pertain to central stations in South America. There are also cost and profit estimates for central stations in Danbury, Connecticut; Louisville, Kentucky; and Haverstraw and Poughkeepsie, New York. Among the recipients are S. Bergmann & Co., the Electric Tube Company, and W. D. Rich. The spine is labeled "1883-1884" and is stamped "Letters No. 4. T. A. Edison Central Station Construction Department." The book contains 487 numbered pages and an index. Approximately 20 percent of the book has been filmed.

A
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1824

A.
T. A. Edison
Central Station
Construction
Department

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F
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H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Arthur & Bonnell 2, 55, 64, 90, 257, 383, 421, 446

Armington & Sims 25, 36, 38, 54, 230;

Andrews W. S. 44, 56, 95, 106, 109, 148, 146, 147, 152, 156, 157, 161

Ansonia Brass & Co 59, 67, 75, 77, 79, 295, 364, 365, 461.

Arthrop Mfg Co 71.

Andrews W. S. 164, 173, 174, 184, 193, 207, 208, 231, 232, 234.

236, 242, 243, 247, 249, (The Wks Book 70(2) Page 32) 33)

297, 318, 328, 341, 345, 348, 350, 352, 356, 403, 412, 413, 414.

424, 448, 452.

| | | |
|------------------|---|--------------------------------|
| Bowmann Bros | 1, 3, 2F | |
| Bergmann & Co | 4, 9, 15, 20, 22, 45, 46, 47, | 48, 49, 54, 57, 65, 71, 74 |
| Burrows W, | 32, 33, 52, 53, | |
| Bergmann & Co | 75, 76, 77, 79, 80, 85, 86, 87, 89, | 87 1/2, 251, 269, 274 1/2, 275 |
| Becker & Son | 60, 66, 89, | |
| Brook & Co, | 72, | |
| Bently H. & Co. | 84, | |
| Babcock & Milcox | 92, 304, | |
| Bunn J. W. | 108, 199, | |
| Bunk of Mobile | 159, | |
| Bergmann & Co | 286 Page 3 in E. M. W. Book No 2) | 292, 294 |
| E. & D. Brockton | Page 3 ⁴³⁰ in No 2) of E. M. W. Book | |
| Bergmann & Co | 301, 303, 307, 311, 313, | 320, 326, 327, 328 |
| Balms J. D. | 308, | |
| Baxter & Brown | 330, 331, | |
| Bergmann & Co | 349, 354, 363, 364, 366, 367, 368, 369, | 400 |
| | 411, 422, 444, 454, 455, 460 | |
| Baden S | 460 | |

Cooke C. H.
Cowles A. C.

Cooper C.

Chalmer Spencer & Co, 79, 80, 255, 309,

List of Towns canvassed to be canvassed 175, 179,

Conant J. P.

270, 279, ~~244~~ ~~305~~ 296, ³⁰⁹ 339, 350, 1/2, 357,

Chicago Insulating Co. 37 in C. M. W. Book No 2,

Campbell C. H. 301, 302,

Conant F. P. 357, 358, 359, 385, 447, 457,

C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

Deane Stearn jump Co. 3. 68.

Dyer P. 6. 155. 274.

Detwiler C. 42. 112

Douty W. H. 43. 369. 383.

Dickinson J. 88.

Dwelly W. H. 239. 241. 261. 347. 416. 542a

Doubleday H. M. 271 1/2 280. 287. Thek Who Book No 2 page 34

p. 36, 334, ~~348~~ 346 404. 453.

| | |
|--------------------------------|-------------------------------------|
| Aimer & Amend | 2, 59, 63, 12, |
| Emery C, | 13, 14, |
| Elec Tube Co | 23, 63, 196, 386, 401, 449 457, 463 |
| Eaton S. B, | 40, 41, |
| E. E. L. Co, | 78, 366, |
| Edison Mach Wks | 92 |
| Egan H. & Co, | 150, |
| Edison Lamp Co. | 180, 256, 306, 354, |
| Edison T. A, | 197, 206, 201, 203 230, |
| Elec Supply Co | 298, |
| E. E. L. Co of Champlain | 354, |
| Laurence | 403, |
| Estimate of Profit for Danbury | 409, 410 |
| E. E. L. Co of Tiffin | 430, |

E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
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W
X
Y

Floyd H.

193.

Glass L.
Gaylord & Watson

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M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

| | |
|----------------------|--------------------------------------|
| Harris & Robinson. | 102, 103, 104, 105, 352, 353. |
| Kibler J. | 178, 202. |
| Hubbard E. B. | 204, 296, 357, 373, 392 to 396, 450. |
| Haverstraw Co. E. E. | 260, 285, 289. |
| Harris J. | 290, 308, 457, 458. |
| Hughes C. J. | 304. |
| Hutchinson J. | 387. |

Ide A. Lo.

Men who took No 28, Page 37.

I
J
K
L
M
N
O
P
Q
R
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T
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Johnson B.H.

340.

Klein L.
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Kuffel & Esser

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X

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Z

Lyons L.P.

Leonard H. W.

Lord E.H.

Profit of the E. E. M. Co of Louisville 153, 154.

6.62.60 of Lawrence 279 (1/11/60) 35 Oct 60 -

50.61.228.256.

142.263.269 $\frac{1}{2}$, 280, 355.384,

143,160,260 305,379.^{to}382 399,432, to 443.

| | |
|------------------------------|---------------------------------------|
| Morre L. L. | 12 |
| Morris, Fisher & Co | 95, 35, 76, 78. |
| Martindale, E. B. | 39, |
| M ^{rs} Nab & Hurlin | 91, 311, |
| M ^{rs} Cornick H. | 112, 240. |
| Marble & Hall | 229 342, 343, 408, |
| Marr F. L. | 287, 257, 276, 277, 272 1/2, 278, 459 |
| Mora, F. | 299, 300, 340, 341. |
| Mullen J. | 306. |
| Marbet South America | 289. |
| Marble. G. B. | 424. |
| Manning Maxwell & Co | 445. |

M
N
O
P
Q
R
S
T
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W
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Y

Nathans & Bryfuss, 10.69.

report of Reafin for Reightseepair 94.100.

CH J.

112 291, 307, 315, 333, 334, 352

O
P
Q
R
S
T
U
V
W

| | |
|------------------------------------|-----------|
| G. Place Mchry Co | 57.66.70. |
| Page Kenning & Co | 73. |
| reports of Profit for Poughkeepsie | 97.100. |
| Postal Telegraph Co. | 337. |
| Pennsylvania Estimates | 386. |

Rich, W. D.

5, 11, 21, 24, 25, 42, 65, 74, 95, 98, 110, 111, 113, 151, 141,
148, 149, 151, 159, 162, 164, 165, 173, 176, 180, 182, 183, 185, 186, 192, 194, 195, 204, 205, 206,
207, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223,
224, 225, 226, 227, ~~228~~, 231, 232, 233, 235, 240, 243, 242, 249, 252, 253, 254,
263, 264, 264 $\frac{1}{2}$, 265, 266, 267, 268, 269 $\frac{1}{2}$, 270, 270 $\frac{1}{2}$, 271, 272, 273,
282, 284, 285, 288 $\frac{1}{2}$, Tick Wks Book 70(2) 30 to 32,
305, 310, 316, 317, 318, 319, 320, 329, 337, 351, 353, 354, 361, 362,
363, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378,
402, 404, 411, 415, 425, 429, 431, 448
A

Stuart A

Scott D.

Smith

Shaw P. B.

Stoddard Loring

Smith W. S.

Schwenk 72.

Sprague F. J.

412.

31, 93, 94, 100, 105, 283, 284, 321, 447

37.

38.

61, 65, 93, 160, 250, 322, 323, 324

Co, 62, 156, 177, 203

108.

110, 178.

Met Wks Book No 2 by mistake page 36

S
T
U
V
W
X
Y

A. D. Tate
Leull I,
Lillitson & Co

84.
302,
365. 399. 415.

Upton F.R. 336

U
V
W
X

Van. Kortland D, 3141

Wilbur G. M.
Western Elec Co
Walker J. C.
328. 455.

6, 96. 97. 152, 158, 181, 452

107, 285

144 155, 163, 242, Mich Who Book No 2 Page 34,

Williams H. M.
Wallerstein D.
Woodbury C.

363. 456

423

450

Shadrum

about 20 miles of

~~is possible in the Soviet Union
to create a new society in the future~~

is a condition of non-sufficiency

of the ground and the temperature

~~The Carriage of and on~~

[Faint handwritten notes or bleed-through from the reverse side of the page.]

2

1000

10

100

[illegible]

if I have it, I have it

Don't make anything further
from this one if it is expedient to

or boy do the twice the

fit to the Y. it's excellent. how much

the crown on the nasolabial fold. Upon

12. addendum to the
minutes. discuss the
purpose of the

Each sample (3) can

the 20th of January in
the morning. The 20th of
January in the morning.

James M. Smith

Good is shared when
 we give it.

[Signature]

1000

the end of the

~~See page 10~~

1891

1870

the 1st of Dec.

and the same men, in consequence

in the lead from coming!
to the same degree the least

[Faint handwritten notes]

3

It's a sickle but what you
are attempting is making
nothing on the edge of the

the house is important to stand
the danger of being only a
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The great point I want to give
is in the state of the world
the danger of being only a

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Sleep 9

C. H. Cooke Esq
 Battle Creek
 Mich.

Dear Sir: we have your letter of the
 4th and send you today by
 express the books you require.

In relation to your Canoes
 of Auburn we mention the
 Academy of Music in the back
 of your book but fail to locate
 same in Canoes. It happens
 this place has as you yet
 so it is important it should
 not be overlooked -

In your Canoes you also
 mention Schack's Hotel and

Chc

refer to the last page of
your book for the number
of lights, when you have
omitted to note them.

This system of pure &
mentioning in your answers
an important thing not
referring to the last page
of your book for the number
of lights is a very bad
one and leads to numerous
errors and omissions and
we would advise you
discontinuing it.
Your obedient servant

~~etc~~
 are written in very faint faint
 lead pencil. Could you not
 make them with ink.
 Our mapman complains of
 their indistinctness.

Very truly Yours

Thos. A. Edison
 N. J.

John H. Pusey
 Treas.
 Electric Tube Co.
 65 Washington
 City

Dear Sir
 We enclose herewith
 Electrical Determination of Manufacture etc.
 upon which please base your bid for tubing
 in accordance with the lines on map
 you need have.

Your prompt attention will
 oblige
 Yours Very Respectfully

J. T. Edison
 Contract Dept.

12/8 3

Electrical Determination

Kavenstron NY

Central Station in Block 8.

| Feeder / | Chassis | Central dist |
|----------|---------|--------------|
| | 7.7 | 2.1 |
| 1-B | | 2.5 |
| 1-C | | 2.4 |
| 1-D | | 2.5 |

Feeder 1/- @ 65,000 lbs
on 400 ft. in. much
tot 99,000 lbs

Total number of Lamps 558
@ 10 cp. = 217 ohms.

Drop in chassis 3%
Drop in Feeder 7 1/2%

7th Dec 9

E. B. Mantindale Esq
 Office of American Paper Pulley
 Indianapolis
 Ind

Dear Sir,

Referring to yours
 of 4th inst we like the
 Paper Pulley very well
 indeed so far as our
 limited tests have enabled
 us to form any opinion

when you are ready
 to supply them please
 advise us

Yours truly
 Phos. A. Edison

7th Dec 3

S. B. Eaton Esq
 President

Dear Sir,

I enclose of ^{5th} 6th inst &
 hand.

We have already
 canvassed Worcester
 Mr Borden has had the
 maps for a long time past.
 New Orleans & Atlanta
 Canvasses are just finished
 & the maps will be pushed
 ahead. Galveston & Mobile
 are now being canvassed
 Dallas Sherman & Danville
 will be canvassed this

month. Boston Albany
 Providence ^{Murderer} Springfield
 will be canvassed in
 January.

How about the up town
 District New York

James Smith

Phos. & Bacon Co. ^{Co.}

By Sam Smith

we have a canvasser in
 Markles territory & one
 in Shaw territory
 L.

W.S. Andrews Esq
Fall River

7th Dec 8

Dear Sir, I understand that
the Books of Questions & Answers
are not being kept as
private as we would wish.
Will you please warn
your men as to this matter.

Yours truly

Sam Insull

Dec 7

Meigs Hodges, Son & Co
 Boston

Meigs

Dear Sir:

We desire to use in
 connection with our numerous
 Electric Light Control Stations
 throughout the Country the
 Hardy Speed Indicators, and we
 have been informed that you are
 the American agents for the device.

If you have illustrated catalogues
 we should like to have one, showing
 price of the indicators. We would
 also like to have your best estimate
 on orders of 30 and over -

Yours truly

Thos. A. Edison Const. Co.
 by Edison

Dec 10/ 3

Messrs Bergmann & Co
292 Ave B
City

Dear Sirs:

Our Nov 5th one sent you now
order at 3444 calling for the following :-

| | |
|--|-----|
| 5 meters for 12 lights | |
| 40 " " 25 " | |
| 10 Extra bottle plate rubber attachment for 12 light meter | |
| 10 " " " " " " | 25 |
| 10 " " " " " " | 50 |
| 10 " " " " " " | 100 |

all of which you were instructed to send to
Lawrence House.

We really feel very much annoyed
to find that you have not yet filled
even that portion of the above order
which calls for Extra bottle plate &c.

We are this morning in receipt

22
 A letter from the Treasurer of the
 Lawrence Company complaining largely
 of the nonreceipt of the material
 in question; and in which he accuses
 me of being "unbusinesslike" for
 postponing his claims to such delay.

It is impossible to explain to him
 in a comprehensive manner the true
 cause of this situation, as it would
 not vindicate me in the slightest
 degree in his eyes and we simply
 have to bear the brunt of his complaints;
 notwithstanding the fact that we
 have done all in our power to
 hurry the shipment.

Furthermore you are keeping us

#3

out of a large sum of money what
the Lawrence Company refuse to
pay until their orders for material
are filled.

A week ago you stated
sacritically that you would
ship 20 meters for 25 lights
on the 5th inst. but up to this
writing no invoice to them
has been recd by us.

We consider that our relations
are such as to allow us to
expect better attention at your
hands and we sincerely trust
that in future it will not be

necessary for us to make complaints
of this character.

We fully appreciate the fact
that you are unable to fill
all orders at once, but a
single order placed with you
should certainly have
expedited attention before Dec. 10.
We shall be glad to know
how this order will be filled
and that you may advise the
American Company -

Very respectfully,
John A. Edison Co. & Co.
New York

December 11th 3

A. S. Hunt

To Miss Maria Weston

W. H. W. W. W. W.

W. H. W. W. W.

W. H.

Cannot see but in only five by two
hundred as in addition want more
show to this effect
Thos. A. Edison

Dec 11th 3

J. A. Hunt

To Miss Maria Weston

W. H. W. W. W. W.

W. H. W. W. W.

Cannot see but in only five by two
hundred as in addition want more
show to this effect
Thos. A. Edison

Dec 11/

W. H. A. Rick

of Essex Ells 11/16

Mount Canwell Pa

Tiffin Avenue Lees-
ter, Md

Thank You

December 11th

A. Stuart Dett

Ohio Edison Inst. Co

N. W. Cor 1st & Vine Sts.

Cincinnati, Ohio

As you mean main wires
in alleys - if so it is
not in Contract -

Shall we make estimate

Yours Sincerely
Geo. G. Edison

Statement of Profits & Loss

Amelanchier *Sp.*

[illegible]

EDISON

Wesley
J. Dunn
Tadpole Clinic

It will take two
weeks to get our
fox returned -
we can't keep one
even there -
Will send Estimote
Conemite. } Shoo & Edinor
29/11/11

Dec 12/3

Messrs Harris & Robinson
 Hartford
 Conn

Dear Sirs:

In relation to the last
 estimate furnished you for the
 installation of an Edison Electric
 Light plant (Central Station System)
 at Danbury Conn. and amounting
 to \$25,166⁴⁰/₁₀₀ we beg to notify
 you that it will hold good
 for six days from date
 hereof viz: the 18th of the pre. mt
 month, after which it becomes
 void. We regret that

2

we have to persevere this course
but the action is imperative
for our own protection.

Since the completion of
several plants by us results
have been attained which
necessitate our estimating
on a different basis from
that adopted by us heretofore,
hence we are compelled to
renew this notice to you,
and give you a reasonable
intimation of our intentions.

#3

In regard to this installation we should not, in any event, agree to complete the work this Fall. As you are aware, the Conductors are underground and owing to the rapid approach of heavy frosts we could only agree to do the best work possible while the winter lasts.

If you give us the

11 4

order for this plant in
accordance with our last
estimate within the allotted
time we will commence
work at once; otherwise
it will be necessary for
us to furnish you with
a fresh bid.

Very truly yours
Thomas A. Edison

Dec 13/3
 J. J. Burn
 J. J. Burn

Loose J. J. Burn
 thirty seven hundred
 Eight & six dollars -
 Estimate mailed
 about November
 brought up
 C. J. Burn

Dec 13/3
 A. J. Burn
 J. J. Burn

Loose J. J. Burn
 thirty seven hundred
 and eighty eight dollars -
 Estimate mailed Nov
 brought up
 J. J. Burn

December 14 3

W. S. Andrews
70 Edison Electric Co.
Fall River, Mass

Is it possible to move dynamo
back eleven & three quarter in-
ches. Our Plans say. Engine
and Dynamos should be ten
feet centre to centre and they
have not been set properly
If you cant move dynamos
you must splice belts

Thos A Edison
L

Dec 11/11

Wm. R. Smith
 Given Recd 11/11
 My letter for

Mount Carmel Church
 with coat and sundries
 and partly one dollar
 over contract. There
 was \$10.00 left. A. Edwards

Dec 11/11

Wm. R. Smith
 Given Recd 11/11
 Mt. Carmel Church

The change and
 additions to the
 fund in Mt. Carmel
 with coat and sundries
 and partly one dollar
 over present amount
 of \$10.00 left.
 A. Edwards

One dollar and 11/11
 A. Edwards

Dec 14

W.A. Rich
c/o Edwin E. McAllister
Angleton Tex

Sending checks today
re per your letter
with -; shall
we address you
at Angleton.
Thos A. Egan

Dec 14/1

W.A. Rich
c/o Edwin E. McAllister
Angleton Tex

Just received telegram
stating nothing sent
- contract closed -
Particulars by mail
when you are your
address
Thos A. Egan

Dec 11
Henry B. Williams
Williamsport Pa

Have quick exact
location and age
Williamsport Lake.
We can do nothing
until we get to this.

Harriet E. Cady

Dec 11/1
Geo. E. Detweiler
Grand St Station
Philadelphia

Have engaged
tonight. What are
troubled morning
will select
Thos. A. Cady

2/15/1919

ESTIMATE of Operating Expenses
E. E. ILLUMINATING CO.
Louisville Ky

| | |
|--------------------------------|--------------|
| Wages | 420 |
| Chief Engineer | 40 |
| 2 Road men | 60 |
| 2 Firemen | 20 |
| Electrician & Meter man & boy | 350 |
| 2 Regulator & Commutator Boys | 300 |
| Coal | 1150 |
| Oil & Grease | 150 |
| Brushes | 50 |
| Stationery | 10 |
| Incandescent | 300 |
| Travels | 80 |
| Meter supplies | 70 |
| Ammonia & Oils | 10 |
| Lamp oil | 240 |
| Water | 600 |
| Extra | 250 |
| Repairs | 150 |
| Gas & Oil | 20 |
| Truck man | 20 |
| Labors | 175 |
| Depreciation | 100 |
| E. E. Co. Royalty 1/2 per cent | 425 |
| Total per year | 16200 |
| Total per month | 1350 |

*This Estimate is based on
 an average of 15 1/2 hours running
 of 6400 Lamps.*

Estimated Profits of E. E. & W. Co. of Louisville, Ky.

at .01¢ cents per hour per lamp. - 6000 lamps
burning an average of $4\frac{1}{2}$ hours per day.

| Yearly
Receipts | Yearly
Expenses | Net Profit after
deducting
Depreciation | Per Cent
Return |
|----------------------------|--------------------|---|--------------------|
| \$108,000.- | \$30,126.- | \$77,874.- | 51% |
| at .01¢ per hour per lamp. | | | |
| \$6,400.- | \$0,126.- | \$6,274.- | 22% |

Capital \$250,000.-

Distributed as follows

| | |
|---------------------------------------|---------------------|
| Cost of Plant | 166,679.19 |
| Cost of Land for Central Station | 11,000.- |
| Cash Payment to E. E. & W. Co. | 12,500.- |
| Stock 20% to do do | 50,000.- |
| Cash in Treasury for Current Expenses | 9,820.81 |
| | <u>\$250,000.00</u> |

Dec 15/03

Dec 17/13

W. J. Andrews

Edwin E. E. E. E.

Full River

others

Here when I shall go
Full River to state
Station. Have everything
running smoothly
but cannot go to
mains till after I
arrive.

15.
Thos. R. E. E. E.

Heavy list of electrical
apparatus to be working
A. C. E. E. E. E.

M. J. E. E. E. E.
of E. E. E. E. E. E.
Full River

2/17
M. J. E. E. E. E.
of E. E. E. E. E. E.
Full River

Dec. 17th 3

Louis Glau
to Mr. J. M. Davis
Madison, Del.

Mr. Davis goes to
see Aunt Tommies
night

A. D. Tate

Very
S. H. Miller
Write

These are your
thoughts. Advice by
all will if they
accept. I not be
with thought you
money of the
John A. Miller

Dec 17/
 Count de Camille
 de la Roche

Back my check
 number above about
 nine for one hundred

dozens of paper
 & 3 n. paper with
 date stamped with

Mar. 2. 1891

21-12

Dec 17
 W. B. K. K. K.
 G. E. E. E. E.
 G. E. E. E. E.

check

those you ordered from
 material for paper
 building. Can we

quote ready to send to
 and how do you like
 suitable for paper and
 to some of the material
 to some of the material

Mar. 2. 1891

Dec 1871

J. D. Shaw's
 His Fairchild's
 Amusement

Wrightstown building is
 to be built -
 The quote nearly two hundred
 and two dollar for each
 building as Niagara
 answer price is accepted
 as foundation are going on
 How do you?

Dec 1871 3

Edmond
 J. D. Shaw's
 Amusement

Quotation is
 with two extra ten
 each fullers will
 be delivered today
 How do you?

Dec 18
 Wm. Rich
 Graham College
 Lexington Va

Arrange for your
 building as before.
 They accept price
 same as addition

Wm. F. Rich
 Secretary

If so go at once
to Bellefonte Pa.
Answer ~~at~~

Wm. D. Cherry

Dec 18
Wm. D. Cherry
P. O. Box 100
J. H. H. H.
Why no answer to
my telegram of
yesterday asking
what you had
been doing?
Can you have sent
me the last
party immediately

Dec 18

Wm. Andrews
Fall River
MassWe're not leave
there last night.

Thos. A. Downing

Dec 187

Wm. Andrews
J. E. Webb Co.
Fall River
MassArrange for truck
hauling at Diggs
They accept same price
as other lot.

Thos. A. Downing

T. A. EDWARDS
CONSTRUCTION BUREAU
95-FIFTH AVE.
NEW YORK

Contracts Closed to Dec. 1983

| LOCATION | Lights
IN
ESTIMATE | Lights
IN
DISTRICT | AMOUNT OF
ESTIMATE | |
|-------------------------|--------------------------|--------------------------|-----------------------|-----------|
| <i>Shamokin Pa.</i> | <i>8600</i> | | <i>19,209</i> | <i>-</i> |
| <i>Dorchester Mass</i> | <i>1600</i> | | <i>31,065</i> | <i>-</i> |
| <i>Logans Mass</i> | | | <i>21,112.6</i> | <i>-</i> |
| <i>Amherst Pa.</i> | <i>500</i> | | <i>14,000</i> | <i>-</i> |
| <i>Wells River Mass</i> | <i>1600</i> | | <i>41,809</i> | <i>88</i> |
| <i>Elkton Pa.</i> | <i>800</i> | <i>843</i> | <i>16,767</i> | <i>27</i> |
| <i>Highlandtown O.</i> | <i>500</i> | <i>869</i> | <i>13,969</i> | <i>32</i> |
| <i>Williamstown Pa.</i> | <i>3200</i> | <i>4042</i> | <i>53,225</i> | <i>76</i> |
| <i>Legion O.</i> | <i>500</i> | <i>744</i> | <i>14,739</i> | <i>49</i> |
| <i>Levittown N.Y.</i> | <i>1600</i> | <i>2387</i> | <i>41,193</i> | <i>43</i> |
| <i>Jefferson O.</i> | <i>1000</i> | <i>1709</i> | <i>18,000</i> | <i>-</i> |
| <i>Wayleton Pa.</i> | <i>1300</i> | <i>1219</i> | <i>20,684</i> | <i>41</i> |
| <i>Wittamond Pa.</i> | <i>500</i> | <i>687</i> | <i>14,000</i> | <i>-</i> |

Dec 29/3

Mrs. A. E. Egan

Egan Elm St. N.Y.C.

Fall River

Mass

update to me; show me
in indicator lamp
white and equal

usual ~~of~~ expense

can keeping

very much.

of the

Dec 29/3

Mrs. A. E. Egan

Egan Elm St. N.Y.C.

Fall River

Mass

Willimoutt people
accept map as for
our last determination
and new census

Ed. Tate

December 26th

Mr. D. Dick
of Union Pac. Wg. Co.
Bellefonte, Penna

2-2
Packing items for the line
for Mr. Connel, Bellefonte
by the station master today
for Mr. A. Union

Dec 26/3
Messrs Stewart & Row
Edwin Elm City &
Williamsport Pa

Edwin will not receive first
payment on account
contract - waiting to order
material. Can do nothing
till we hear from you
Reply, S

Chas. C. Edwards

Dec 27th 9

This is to certify that P. B.
 Shaw may call upon me
 for forty one shares of the
 stock of the Edison Electric
 Illuminating Company of Sanbury
 Conn. at the rate of one
 hundred dollars per share
 any time within ninety
 days from date hereof.

T. A. G. S.

Personal

Dec 27/83

W. D. Rich Esq, Supt
Tiffin Ohio

Dear Sir: The Williamsport
Company have not yet paid
in their first installment
on account of that installation
and Mr. Edison suggested to
me the advisability of writing
you to the effect that it
would be well for you
not to go too far ahead
with work there in
connection with letting

Dec 3

Contracts for the erection ^{and} of the building ^{not the} purchase of material for same. ^{As you are aware}

^{As you are aware} this contract was executed ^{two} weeks ago and if they ^{have} so much trouble in collecting their first assessment we feel rather anxious about the payment of our second installment which is twice the amount of the first. We have

of set of the stockholders
 and are instituting inquiries
 with a view of establishing
 the extent of their responsibility
 and will advise you later
 as to the result.

Yours very truly, Robert G. Thompson



Estimate of Profits of E. E. Light Plant at Haverstram N.Y. 500 - 104.52 units at 2 1/2¢ per unit per hour

| Hours
Rate | Yrly Receipts | Yrly Expenses | Net Profits
per unit per hour | Per Cost per
Distribution |
|-----------------------------|---------------|---------------|----------------------------------|------------------------------|
| 4 | 7500.- | 3906.- | 3594.- | 14 1/2¢ |
| 3 1/2 | 6562.50 | 3795.- | 2767.50 | 11 1/2¢ |
| 3 | 5625.- | 3684.- | 1941.- | 7 1/2¢ |
| 2 1/2 | 4687.50 | 3570.- | 1117.50 | 4 1/2¢ |
| at 2 1/2¢ per unit per hour | | | | |
| 4 | 9000.- | 3906.- | 5094.- | 24 1/2¢ |
| 3 1/2 | 7875.- | 3795.- | 4080.- | 16 1/2¢ |
| 3 | 6750.- | 3684.- | 3066.- | 12 1/2¢ |
| 2 1/2 | 5625.- | 3570.- | 2055.- | 8 1/2¢ |

Capital 125000.-

Distribution
Cost of Plant
Land for Central Station (estimated)
Cash payment 5% to Light Co.
Stock 20

12/7 Remaining in Treasury

| |
|----------|
| 16100 24 |
| 1100 - |
| 1250 - |
| 20 - |
| 16467 66 |
| |
| |

Dec 28/ 3

Frank S. Harr Esq
 Edison Electric Co
 Dumbury Pa.)

Dear Sir: In relation to the proposed
 extension of the Dumbury installation,
 we send you herewith a chart
 of the district and wish you would
 be kind enough to indicate in red
 pencil all lamps that are ^{to} present
 connected, also all you are likely
 to connect, on mains 2-P.C. and
 2-B.C. also on what particular
 spot on which particular main
 each lamp is connected.
 Is the portion B--C correct?

2

Let me understand it, from
Feeder #2. North of our white
line you only have mains
2A and 2B Connected and you
wish to add on BC and AC.
making 2B, C, A a closed System.

Kindly let us know the
size of mains 2B, 2A and
of Feeder #2. Also how
many lamps (if any) supplied
by Feeder #2 outside of the
2BCA System.

We require this information
in order to make an accurate
theoretical determination for the
proposed Extension and

#3

Shall be pleased to hear
from you at your early
convenience -

Very truly Yours

Thos Edison Inventor
of Electric

the 31
 Oct 1841
 Regina O

The Resident of
 Regina and say we
 have intended you
 to say you will
 me in the other
 our little very old
 but like very old
 perfect.

Have him write
 agreement and state
 how much you do.
 This is all
 (2)

Dec 31

Account Dec
to them both
No. 100 to 1000
Received of

Revised agreement
has not yet been
signed in 1900
to us. One
-signed but not
yet. He has not
been a part of

and we have
from us what will
be often we are
satisfied that the
revised agreement are
signed. He has
been no necessity
for thus delaying
the acceptance of

particulars.

one on the other
 of our ideas.
 In answer to each.
 There is a great
 deal of work to
 be done.

With kind
 regards
 to you, I am,
 and your family,
 ever your
 affectionate
 friend,
 and all
 your family
 are,
 ever your
 affectionate
 friend.

805

Office of the
Attorney General
Washington, D.C.

Office of the
Attorney General
Washington, D.C.

Western Edition
Chicago

Published by the Committee
of the Methodist Episcopal Church

Chicago, Ill.

12/31

Wm. L. Bradley Esq.
Fort Allen,

Orlando

I pleased to hear from you
as to the working of the
law getting water as in
the Journal of the

You will also
keep some of the names
of lawyers who put in
exchange for better one
that at the expiration of
each month a correct list
may be furnished of lawyers

I awaiting your reply
to the first of the list.

Yours, R. L.

Jan 2 3
 The Electric Supply Co
 17 Dry St.

We wish to obtain a
 steel wire which will be capable of
 stretching a thousand feet, and
 of holding other wires fastened to
 it. Can you send us samples of
 different sizes of this description of
 wire which would be capable of doing
 the work we mention.

Yours truly

Thos Edison Inventor
 J. A. B. B.

Jan 27 4

Favato ellora Esq
148 West 46th St
City

Dear Sir: We beg to enclose herewith our estimate of \$93 for the Erection of an Edison Electric Light Central Station plant of 1000 lights capacity at the South American Market, and amounting to \$58,305 ⁷⁴/₁₀₀ -

The prices we quote are for goods boxed, F.O.B. New York. The Local South American Company must erect at their own expense and in addition to our figures, the building for Central Station, pole lines, furnish labor and do all

52

work in connection with the
Erection of the system according
 to our plans and specifications
 and under the supervision and
 to the satisfaction of our Experts.
 Also pay the freight on all material, tools, and other things from
 wherever they are to be used, and pay travelling
 expenses to & from South America
 of two Experts together with
 salary of same at the rate
 of \$250⁰⁰ per month each
 from date of leaving to date
 of arrival in New York City.

Trusting that this estimate
 will meet your requirements
 we beg to remain,
 very truly yours
 J. A. Edison & Co. N.Y.C.
 J. A. Edison

Jan 2

W. H. Seall, Esq.
Hyannis, Mass.
Dear Sir,

We beg to inform you
as there are still waiting information
in connection with the被捕 and you
and you could obtain some information
that you any definite date to return.

Yours Truly
Wm. G. Adams, Esq.
by Wm. G. Adams

Jan 2

Wm. G. Adams, Esq.
Esq. Adams, Esq.
Wm. G. Adams, Esq.
Dear Sir,

We send you by this
mail one of my books in relation to the
the question has been answered before
and we should like to hear from you
to be sure in giving program.

Yours Truly
Wm. G. Adams, Esq.
by Wm. G. Adams

Jan 2 3

Dr. Keppeler
and thank him for a copy

Dear Sir. We have your letter of the 29th
and are very glad to say the time has
been forwarded to Mr. R. H. Brown the map of
them as requested.

Yours Truly

Charles A. Brown/Christian Apt

by W. H. H.

Jan 2 3

Wm. B. Adams & Sons
Portland, St. C. G.
Dear Sir,

In relation to the articles
letter from me of your agent will you
kindly give us and state what we may
receive the specimens of these books of
to your files, we were under the impression
that your letter was letter under the
condition mentioned in the letter. then
the regular business books.

Yours Truly

Charles A. Brown/Christian Apt

by W. H. H.

Jan 7 3

Gen Harris Esq
Maine State Academy, C. Belfast Me.
Dear Sir,

In reply to your letter of the
12th we beg to say that the Comptroller
forwarded to Belfast on the 1st of Dec
and they are at the present
a. We will have our eyes in Belfast
on the evening of Jan 10 in a
meeting of the Comptroller

Wm A. Adams Esq

by
Wm A. Adams

Jan 7 3

C. W. Lord Esq
Maine State Academy, C. Belfast Me.
Dear Sir,

We beg to acknowledge with
the receipt of your letter of the 1st of Dec
that for W. A. Adams and the Maine
Machine Works, the former for 1890, and
the latter for 1891, we return limited
the Machine Works did only complete
and also enclose receipt for amount on
account of your last order

Wm A. Adams Esq

by
Wm A. Adams

June 2 3

Ce. H. Bliss Esq. Superintendent
Chas. Light Co. Portland Ore. Chicago
Dear Sir:

In reply to your letter of the
27th inst. in reference to estimates for
No. 1, we beg to say that we will send the
estimates during the course of a week

Yours Truly
Thos. A. Smith Esq. Portland, Me.
By *W. H. Smith*
J. H. Smith

June 2 3

Geo. Mullen Esq. Treas.
Chas. Electric Co. Portland Me.
Dear Sir:

In reply to your postal card
of the 27th inst. we beg to say that the
person in charge of the erection of our
pole line has a full set of pole running
tools. We have not shipped any of them to
you & Mr. Connel expects a case shipped about the
15th, have you some that you want to
dispose of? Yours Truly

Thos. A. Smith Esq. Portland, Me.
By *W. H. Smith*
J. H. Smith

Jan 5 3

C. H. Campbell Esq., Engineer
Cottis Ave., Brooklyn N.Y.

Dear Sir. Owing to the very irregular manner in which you attend to your duties and the great confusion which your inattention causes in connection with our work. I regret to say that I consider it necessary to suspend you without salary for the period of two weeks. I trust this will have a beneficial effect upon your future actions as surely you improve greatly. I shall have to find another engineer to permanently fill the position you now hold.

Yours Truly,

Thos A Edison

Jan 31 "

Adm. int. deey
The Sheraton Hotel
Cott. 6 Third St.
Cincinnati O.

Have been expecting you
today. must arrange
Baptist camp with
personally or by letter.
Shall be glad to see you
Cincinnati Wed.
Wm. C. Edwards

Jan 8 #

D. B. Shaw, Esq.

Williamport, Pa.

Dear Sir

We send you by the same mail under separate cover Chart of Maitel Creek and Millsboro and in addition to supplying us with information in accordance with the annexed forms we wish you would be kind enough to look ~~for~~ over the proposed course of our street installation and let us have any suggestions which you may deem proper to make in regard to alterations. Please let us have information about Real Estate at the earliest possible moment as we wish to get the estimate out quickly.

Yours Truly

Thos. A. Edison Inventor Dept.
by. Wm. H. Smith

Jan 21

J. H. Hopley Esq.
 Editor *Times & Country Record*, N.Y.

Dear Sir

We are to day in receipt of a
 letter from Messrs. Bergmann & Co. in which
 they state that they have returned to you the
 Underclothes which were defective. With relation
 to the lamp, we are enabled to send you
 good order. The candle was used to such an extent
 with better looking, and you must use better order
 as there are the lamp which we send back to you.

Yours Truly

Wm. A. Hopley Esq. N.Y.

[Signature]

Jan 24 3

Messrs. Engemann & Co
290 Pine St City

Dear Sirs

We have receipt of a letter from
one of our electrical agents at Leipzig, in which
he says that the meter contains one to let point
by you was very carefully packed this volume you
received from Lawrence and we would like to
know if it was packed after its completion - if it
was forwarded to Leipzig just as it was received.

Yours Truly

Wm. A. Collins Esq. Esq.

By 
Wm. A. Collins

210
Jas 2 8
Thos. D. Bennett Esq
of Edwin Clarke Ill. & Co. Ill.
Dear Sir,

We have your letter of 1st inst
and in reply beg to say that the order which
was so thick packed by Bennett at Newmarket
seems to be a thing which is much in doubt but
the Commission's had to make it up.

We will send you a full statement as we are doing
one standard just. All orders have gone to the
the exception of the majority of the order of order and
we think you will have enough to show us and
the balance will be sent forward to the earliest
possible moment. The temporary losses were shown
as the 1st inst, also July 1st. We note that in
future you will use much more credit of money
than

Yours Truly
Thos. D. Bennett Esq
4

June 20 7

Mr. L. Anderson Esq.

Post. Comm. Pa.

Dear Sir

The reply to your letter of Dec 1st
dated at Lifford is I beg to say that it will be
unreasonable for me to go to that point and start a
station

Yours Truly

John A. O'Brien ~~Secretary~~

By John A. O'Brien

Jan 2 3


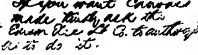
Messrs. Marble & Hall.

103 Casswell St Detroit Mich.

Dear Sir

We have your letter of the 1st inst
in reference to the overlight plant for Lexington
Mich and in reply we beg to say that it would
be impossible for us to make an estimate for an
installation at that point unless we had a survey
made in the regular way. Furthermore we should not
agree to allow the local Co. to put up their own
buildings or among their own buildings. It is our
desire to do all work in connection with the installation
of our plants as our experience has been that when
the local people take a hand in the construction of these
plants, it proves disastrous to them and to us. In several
instances we have allowed them to erect their own
buildings and the result has been that in future we
will not make any contracts where all the work is not
done by ourselves and our standard machinery used. We
return herewith Mr. Geo. Beaumont's letter and sketch.

Yours Truly

Wm. A. Edmister, Engineer, Dept. of Agriculture
by   J. H. Cropper
Rd. 1, N. Y. C. 100
C. 100 N. Y. C.

Jan 8 2

H. M. Doubleday Esq
 Examr Gen. Ill. Co. Fall River.

Dear Sir,
 Mr. Examr writes you to ask Mr
 Doubleday to show you three or four offices where you
 can get at the meters and where they have better
 eyesight, and wants you to turn on the lights and
 read the meters for about 30 minutes and from that
 you will be able to get the price per hour and
 average it up.

Yours Truly,
 Thos. A. Examr, Exh. Dpt
 by W. H. H.

Jan 5

W. H. Linsley Jr. Esq. Dear

Dear Sir

I in reply to your letter of the 1st
we beg to say that these bills should read consuming
standard lamp hours at a cent and a quarter per lamp
hour. You will make a great mistake if you sell
your light for anything less than the cent and a
quarter per hour per candle. As we understand from
your letter that you do not want to use these figures
in account of the statement on them to the effect
that the ten candle lamp burning one hour consumes
one standard lamp hour. Are you not measuring your
lamp, pretty high?

Yours Truly

Wm. A. Spear, Justice Dept
by Saml. M. Kelly

M. Wick $\frac{1}{5}$
 4-5-5 all to
 Cignia &
 4

Go to Williamson's
 and stop, all work
 contract cancelled

C. A. Edison

op. please back

E. & L. G. Jones Jan 9 4
 E. & L. G.
 Lawrence Mass

Dear Sir: We beg to attach detailed
 statements of A/c against your
 Company for supplies not ordered
 by our contract with that
 Corporation the greater portion
 of which is for services and
 tools for use in connection
 with your underground system.

In this A/c we have
 included on "S" dynamo
 which was shipped you

117.
 We will send me attach
 another bill for the 1st
 machine which was promised
 to you about Dec 27th/13.
 These dynamos amount to
 a little over \$1600.

In relation to meters
 as the list specified in
 your order of 1st was divided
 from out meters of different capacity
 supplied we have simply
 shown the cost of what
 you got and deducted
 therefrom the amount we
 allowed for meters in the

#3

the core mentioned order -
 There is a difference of
 \$143.⁴⁷/_x The 15 six light
 meters were supplied in
 excess of the above.

In addition to the bill herewith
 presented there is about \$2000
 due on your first order.

We include the 'S' dynamo
 in these statements as they do
 not come under the terms
 of our contract - not being a
 portion thereof.

on Saturday next I have
 very urgent use for \$2000
 and wish you would kindly
 send me tomorrow for cheque

D. P. 14

for that amount, or as near
that amount as possible.

Also be kind enough to
Mamie and Bill, and any
explanations you desire we will
be happy to give.

Very truly, Yours

Thos A Edison

Electric Fuel Co.
65 Market St.
City

Jan 10 "

Orld. We send herewith
the print and determination of
the price of the fuel which you
have sold. The price which
will please submit estimate
for underground conductors and
your which enclosures and

Yours Very Truly
J. A. Eckert
Contractor

Jan 12 "

Jan 12 Estimate

1. Milwaukee
2. Chicago
3. Milwaukee
4. Porterville
5. Alhambra
6. Union City
7. York
8. Milwaukee
9. Longwood
10. Dayton
11. Porterville

Please have Estimate made
as nearly as accordance
with this as maps and
determinations will permit

Respect

Thos. J. Eckert

W. C. C. South America
1000.

and others, man 400
and Foreman 450

1 -

(11 1/2 p. C. M.) 2 1/2 p. C. M. 340

30

10

15

20

25

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

| New Currency | Grain Receipts | Grain Exports | Grain Receipts | Grain Exports |
|--------------|----------------|---------------|----------------|---------------|
| 12 | 42,000.- | 16,311.- | 42,000.- | 16,311.- |
| 10 | 40,000.- | 16,311.- | 40,000.- | 16,311.- |
| 8 | 38,000.- | 16,311.- | 38,000.- | 16,311.- |

1000 sample at 22 1/2 p. C. M. 340

Kingdom of South America
W. C. C.

10/10/94

10/10/94

11,631.11

27

as net receipts would pay
a good percentage on anything
under \$100,000⁰⁰

We also over you plan of
the building for Eastern Station
the cost of which in the country
would be about \$250,000⁰⁰ and
the time of erection about twenty
days. Building this date will not

cover requirements shipping you will

As upon 100 lbs. of coal, other, which is not

Jan 10/97

Jan 10/97
148 17 16 1/2
City

Dear Sir: We have pleasure in

enclosing herewith the data you requested
in regard to probable profits &
estimated daily running expenses of the
plant at the East Station named.

The data will not work out the percent
for building as we do not know

*3

would be very happy to
furnish the best to remain
Yours very truly

Thos. A. Edison Comstock

J. B. White

Jan 10/3

E. B. Hubbard Esq Secy
The Tiffin Edison Electric Co
Tiffin C.

Dear Sir: We are in receipt of your
favor of 7th inst, and in note
your objections to remitting us the
second payment now due on
account of the Tiffin installation.
We recognize the fact, and
with much regret, that delays
have occurred in the shipment
of your material but would
express upon you that we were
but indirectly responsible.
We do not say this in order
to shift the blame for these
delays as we are the parties

2

you look to, but under the circumstances we think you should have an explanation and we trust you will recognize the motive which impels us to offer the following:-

The chief source of delay has been in connection with material ordered from Messrs Bergmann & Co., who, notwithstanding our numerous calls upon them could not fill our orders with any degree of promptness.

The cause of this was that they had an insufficient force and we experienced these delays not alone with your installation but with others

3

we have in hand at the present time, Messrs Bergmann & Co have recently added largely to their corps of ~~operations~~ & are working at night and we congratulate ourselves upon having at last remedied that difficulty.

Your orders for service wire were placed with the Amoria Tins & Copper Co., from whom we purchase all such supplies, immediately upon their receipt in this office & we have each day communicated with them in regard to shipping quickly - At this writing all your orders with Messrs Bergmann

#4

Co and the Luxonia Brass and Copper Co. have been shipped and the former parties have despatched the balance of our supplies.

In regard to the reading of our contract "when the installation is ready to supply light" we beg to say that it is not necessary for your installation to be complete at this juncture, in order for our payment to be due - The station is not handed over to you for thirty days after it is ready to supply light and at this

#5

latter period your system
should be complete.

We arranged this second
payment in order to finance
properly in connection with
the installation and meet those
bills which matured before a
final settlement was made.

Of course if there were any
serious defects or omissions
in connection with your
installation you would be
justified in delaying payment
but we do not consider it
equitable for you to retain
thirteen thousand five hundred

* 6

dollars because material,
which at the outside will
not aggregate three hundred
dollars, has not been received.
Do you?

This second payment is
\$ 9000⁰⁰ and after remitting
this you still hold \$ 4500⁰⁰
and we think that this is
sufficient to allow you to
safely discuss any points
about which you desire
Explanation.

We trust you will
very kindly reconsider this

#7

matter as we really need the
funds and if you think
favorably of our explanation
we should be glad to have
your check on receipt of
this letter -

awaiting your reply
we beg to remain
Yours very truly

Thos. A. Edison

Jan'y 11 4

Electric Tube Co.
65 Washington St.
City

Dear Sirs

We send herewith
under separate cover map and
determinations of Louisville Ky.
upon you will please make
and submit estimate at
the earliest possible moment,
and advise us.

Yours truly Respy.

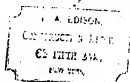
E. T. Co.
as per
under separate cover

Estimate of Profits at

1000 Lamps at 100¢ per Lamp per Hour

| Rate | Profit | Cost | Profit | Cost |
|---------------------------|----------|--------|--------|--------|
| 1/2 | 1075.- | 7290.- | 9665.- | 23 1/2 |
| 1 | 1500.- | 6945.- | 8445.- | 20 1/2 |
| 3/4 | 12125.- | 6800.- | 6825.- | 16 1/2 |
| 5 | 11,200.- | 6645.- | 5555.- | 12 1/2 |
| At 100¢ per Lamp per Hour | | | | |
| 1/2 | 10750.- | 7290.- | 6210.- | 15 1/2 |
| 1 | 15000.- | 6945.- | 4710.- | 11 1/2 |
| 3/4 | 11500.- | 6800.- | 3900.- | 9 1/2 |
| 5 | 9000.- | 6645.- | 2755.- | 8 1/2 |

Capital 242,500



Jan 11/ 4

W. H. Dively Esq Treas
 Edison Elec Mfg Co
 Fall River
Mass

Dear Sir:

In relation to our Fall River contract, and also in regard to the final payment which will be due on the 20th of this month, we should like very much to know if there are any points about your installation which are not altogether satisfactory.

Kindly allow us to explain our reason for asking this - at the dates when

3

Payments of this nature are due we made certain pledges in connection with the liquidation of claims for supplies furnished and labor performed during the execution of work.

When these payments are not made on the days they are due it puts us to very serious inconveniences and throws our calculations all out.

~~Now~~ To illustrate this we might mention an instance which occurred recently - a payment on one of our

" 3

Contracts came due & amounted
to \$4000⁰⁰ - On account of
the non-receipt of about
\$300 worth of meters the parties
refused to send their check
notwithstanding the fact that
after remitting the above \$4000
they still would lose \$5000
of our money.

Our object in thus advising
you is to bring to the surface
and discuss any points with
you before the final payment
falls due as we have made
arrangements which we desire

92

of accounts to meet with our
last payment or Fall River

Your Company has been
most exceptionally considerate
in regard to payments and
we beg to take this opportunity
of thanking you both personally
and as Treasurer of your Company
for the pleasant and efficient
manner in which you have
conducted your dealings with
us.

We need not say that
in laying this matter before

85
We feel satisfied that you will
immediately recognize our
motion and lend us your
very kind assistance to have
any matters you think require
adjustment adjusted before
this last payment matures.

Very truly
Yours

Thos A. Faxon

Dear Sir,
 I have the honor to
 receive the letter of
 the 11th inst. in
 relation to the
 purchase of the
 land in good time
 and have the honor
 to acknowledge the
 same.

Dear Sir,
 I have the honor to
 receive the letter of
 the 11th inst. in
 relation to the
 purchase of the
 land in good time
 and have the honor
 to acknowledge the
 same.

Journal Jan 19 3

C. A. Ford Esq
Edison Elec Mfg Co
Lawrence Mass

Dear Sir: We beg to acknowledge with
very many thanks receipt of your
letter of 10th inst enclosing cheque
for \$2000. as requested.

In regard to the \$6 we sent
you we will deal with it
later. What we now desire
to deal with is your remark
to the effect that we have been
failing against you, and your
request for a frank statement
as to why you should be
treated differently from any one

271

Elu.

Prior to our letter of Dec.
15th/83 addressed to you, we had
received several letters from
you in which you made and
repeated the request to "use you
fairly". As far as we knew
the only questions which were
under discussion were the delay
you had met with in the
commencement of work at
Lawrence and the connection
between our project and one
of your boilers. The idea
however suggested itself to

#3

us that probably there were other matters that had not been brought to our attention, owing to the fact that Attchell had been conducting the correspondence of this Department before his departure for Europe on Dec 11th.

We therefore asked you in our letter of Dec 15th - referred to in the foregoing, to give us a statement of all the points wherein we had failed and our intention was to take immediate steps to

#11

make the Lawrence installation,
as far as lay in our power,
as perfect in all respects
as any other plants in operation.
We had just had some of
the new pressure indicators
made and told you that we
would in a few days supply
you with them. We did
supply you with them as
quickly as was possible.

Your letter of Dec 22nd
arrived in response to
ours of the 15th and we

#5

Can assure you that we
never were more surprised.
 Reading it again at this late
 date we find it difficult to
 believe, even in the face of
 the most convincing proof - your
 own handwriting, that Mr
 Lord was the author.

That you should overstep the
 bounds of courtesy and administer
 such a scold at a time when
 our earnest and sincere intention
 was to ~~being~~ rectify as far as
 lay in our power all points

6

wherein ^{we} were ~~was~~ at fault
 either directly or indirectly,
 is a matter we do not wish
 to comment upon but desire
 to forget.

Without endeavoring to shift
 upon others matters for which
 you hold us responsible you
 will probably be kind enough
 to permit us to make a
 few explanations, which would
 not be accepted as satisfactory
 from a business point of view,
 yet, as we have made this

27

a personal letter, may prove slightly interesting to you, -

Pardon us for again referring to your letter of December 23rd - It will be the last time we shall do so -

You complain therein about your writers coming along in piecemeal lots.

About a week ago the second ~~monthly~~ payment on account of our Tiffin installation was due, as the station had been started and was supplying light. We asked the Tiffin

8

Company to send us their check promptly as we needed funds and the following quotation embodies their reason for withholding the payment -

- " although our station may in a
- " sense be ready to supply light
- " yet we are short a large number
- " of meters and supplies for house
- " wiring and we have no one to
- " supply light to and we therefore
- " do not think the payment is
- " due until these articles are
- " received."

These supplies are being furnished by Messrs. Bergmann

9

and Co. and indeed so serious ~~and~~ and numerous were these complaints on account of the firms' lack of despatch in shipping material, that we had to tell them we would refuse to close any more contracts unless they remedied the evil. They have now nearly doubled their force and are working at night with most satisfactory results.

In regard to Mr. Oakley, he was recommended very highly

#10

to us by the Isolated Coy. - He had been in their service in Roselle - He proved useless for our business and we discharged him as soon as he had established the fact of his incompetency - We judged him by his work at Lawrence.

We fear you too often overlook the fact that we are all only commencing to learn the rudiments of this business - It covers more ground and requires more

* 11

study & exhaustive application
than any other enterprise we
know of and in proceeding
to make a commercial success
of a business of this kind
it cannot be expected to go
ahead with the clockwork
regularity of an Established
business.

We can assure you
that nothing was or is
further from our thoughts
than personal feeling ~~for~~

#12

and we trust the same is
the case with You.

We are still ready and
willing to do all we intended
to do as explained in this
letter, after we receive such
information as will enable
us to go about it -

We beg to remain

Very truly Yours

Thos. C. Edison

Th

Thos Edison

Dec 1874
 Geo. Harris Esq
 E. E. Harris Esq
 1301 Spruce St
 Boston Sept 21st
 My dear Sir,
 I have the honor
 to acknowledge the
 receipt of your letter
 of the 18th inst.
 and in reply to
 inform you that
 the same has been
 forwarded to the
 proper authorities
 for their consideration.
 Very respectfully,
 Wm. H. Brown

Electric Cable Co.
 Boston, Mass.
 Dear Sir,
 We are advised
 from J. H. O. that the
 project of building
 up the cable line
 between New York
 and London is not
 yet settled. They
 are now in the
 hands of the
 proper authorities
 for their consideration.
 Very respectfully,
 J. O. Brown
 President of the
 Cable Co.

Jan'y 16. 4

H. M. Doubleday Esq.
Fall River
Mass

Dear Sir

In reply to your favor of 14th beg to state that the deficiency in 100 light bottles will be attended to at once and possibly forwarded this week.

You will please forward to us care Remondet Co. this city 3-25 light cimeters which we forwarded in excess of the requirements of our contract, and we will in exchange send back the 100 light meter which is called for by the contract.

In relation to the eight feet play bottles to be returned, have ordered V 18 as decided which will be promptly forwarded.

Very Resp'y.

J. A. Edison

Contract Dept

January 16. 4

Messrs Bergmann & Co.
292 Ave B.

City Gentlemen

We are notified from
T. J. O. that the safety catch holders
for the pole line are $7\frac{1}{2}$ " between - lead
safety catch holder screws - consequently
the leads will not fit they being but $3\frac{1}{2}$ "
length over all. what can be done in
pursuance to remedy the defect?

We are advised that the Salt River
station is short a number of clips
this and we find that you have an unfilled
order #630 for this station when will it be
filled - also when will Lightning arresters and
insulated clips as well as remainder of
the service on order be forwarded?

A reply by letter will oblige

Yours Very Truly

J. A. Edison
Constn. Dept

O. 4

Messrs Bergmann & Co.

292 Ave B.

City

Gentlemen

The Electric Tube Co. will
 send you today 90 Safety Catch leads on
 order #829 - to which you will attach
 copper terminals for the Tiffin station
 which please put in hand immediately
 upon arrival and forward per Express
 at the earliest possible moment

The catch holders are as
 stated in our communication of this A.M.
 about 7" between binding screws.

Your immediate and undivided
 attention to this matter will greatly
 oblige

Yours Very Truly

J. F. Johnson

Superintendent

July 16 44

Amosia Brass & Copper Co.
19 Cliff St.
City

Gentlemen

We are particularly
desirous of learning something, positive
as regards shipment, of our orders 708
#792 & 795.

We were informed at the time
these orders were sent you on the 1st
inst. that you would advise us as
to the probable date of shipment when
you could hear from Factory but at
present writing we remain in ignorance
of this fact which you certainly have
had time to acquire. As it is of
the utmost importance that notice

2

facts be made known to us at once that we may properly govern the movements of our men on the road and thus keep our expenses within reasonable bounds. the delay at Bellefonte has seriously interfered with our completion of the station and we certainly have cause to complain of this seemingly unnecessary delay. and we have as a last resort been obliged to procure wire for this station from the Isolated Company will therefore please forward the 12, 14, 04 & payson cable on order #786 to John H. G. Benzmann & Co. 292 Ave. B and the remainder of the order as specified thereon at the earliest possible moment.

Trusting we may be favored by a prompt Reply we are
Yours very truly
J. S. Edison Const. Dept.

Jan'y 16, #

Electric Tube Co.
65 Washington St.
City

Gentlemen

We send herewith
under separate cover Map & Electrical
Determinations of Auburn N.Y. upon
which you will please submit
estimate for underground Conductors
at the earliest possible moment and
Oblig

Yours Very Resp.
J. A. Brown
Contract Dept.

Thomas A. Edison Construction Department Letterbook, LM-018

This letterbook covers the period January-April 1884. Many of the letters are by Edison. There is also correspondence by John R. Campbell and Samuel Insull. Most of Edison's letters are in the hand of Campbell or Insull, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. Some of the letters pertain to the construction of a central station in Newburgh, New York. There is also a list of central station contracts and several cost and profit estimates for various stations. Among the recipients are William S. Andrews, S. Bergmann & Co., the Edison Lamp Company, the Edison Machine Works, Frank J. Sprague, and the Western Edison Light Company. The spine is labeled "1884" and is stamped "Letters No. 5, T.A. Edison, Central Station Construction Department." The book contains 492 numbered pages and an index. Approximately 40 percent of the book has been filmed.

A
 B
 C
 D
 E
 F
 G
 H
 I
 J
 K
 L
 M
 N
 O
 P
 Q
 R
 S
 T
 U
 V
 W
 X
 Y

52
 98
 141
 157
 176
 225
 258
 318
 356
 363
 385
 414
 436
 453
 473
 488

1425

T. A. Edison
 Central Station
 Construction
 Department

Armington & Sons. 14, 75, 203, 267, 282, 241, 246, 247, 248, 304, 377, 378
 Andrews W. S. 19, 20, 25, 29, 30, 31, 44, 52, 63, 67, 68, 77, 81, 98, 96,
 Ansonia B & Co 23, 134, 137, 171, 194, 227, 284, 289, 354, 357,
 401, 416.
 Andrews W. S. 99, 111, 130, 144, 146, 186, 196, 199, to 204.
 Arthur & Bonnell 119, 145, 157, 181, 230, 258 1/2, 306.
 Andrews W. S. 211, 212, 213, 217, 219, 223, 224, 258 1/2, 260, 275
 Agent for the Pacific Mail, 258
 Aschroff Mfg Co 264, 282, 297, 303, 313,
 Andrews W. S. 287, 292, 294, 295, 307, 308, 309, 318, 377
 Aschroff E. E. 312, 485
 Armington & Sons 314, 352, 357, 357, 394, 396
 Andrews 371, 392, 410, 427, 428, 437, 441, 453, 470, 486.
 Amalco E. 461

C
 D
 E
 F
 G
 H
 I
 J
 K
 L
 M
 N
 O
 P
 Q
 R

| | |
|---|---|
| Bergmann & Co | 15, 35, 60, 71, 72, 76, 95, 96, 107, 115, 148, 159, |
| ✓ 173, 188, 192, 214, 216, 218, 226, 230, 236, 238, 261 | 827, 840, 862, 89, 344, |
| Bliss, G. H. | 27, 173, 265, 274 |
| Bangs J. S. | 469, |
| Borden, V. | 37, 38, 39, 40, 41, 42, 43 |
| Batchelor E. | 479, |
| Babcock & Wilcox | 55, 337, |
| Bergmann Fred Water Heater | 55 |
| Bradstreet | 61, |
| Belknap M. C. | 102, 116, 470, 471, |
| Bellefonte main & Haderg | 113 113, |
| Brownlee & Co | 165, 364, |
| Baland R. B. | 187, 322, 413, |
| Bailey J. | 223, 227, |
| Blois A. | 249, 327, 465, |
| Bergthieser A. | 285, |
| Beattie Wm | 300 |
| Bumman Bros | 395 |
| Bergmann & Co. | 416, 417, 430, 432, 438, 451, 469, 477, |
| Blaton S. W. J. Co | 449, |

| | |
|-------------------------|--|
| Conant J. P. | 7, 16, 166, 206, 242, 385, 463, 464, |
| Cooke. C. H. | 27, 54, 64, 102, 155, 168, 174, 189, 219, 228, 339, 351, |
| Common Sense Packing Co | 119, |
| Chinnock C. C. | 181, 143, 204, 366, 477, |
| Campbell C. H. | 135, |
| Chicago Ins. Co | 165, |
| Chalmer Spencer | 2017, |
| Craig A. | 264, |
| Cantry J. | 267, |
| Contracts to Jan 1/84 | 324, |
| Cowles A. C. | 353, |
| Clarke H. | 313, 425, 466, |
| Cooke C. H. | 424, 458, 473, 478, |

C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S

Welly H. W.

22, 209, 214, 220, 221, 348, 350, 310326

Dickinson M.

62.

Doubleday H. M.

73, 74, 135, 254, 218, 412, 439, 444, 457,

Dyer P. D. 149, 195,

417, 466, 467, 463, 450,

Duncan M. P.

376, 411.

E. E. J. Co. of Hazelton 17.

" " " " Bellefonte 25, 82, 83,

" " " " Tiffin 34, 51,

" " " " Fall River 49, 50,

" " " " Brockton 84, 179, 399

" " " " Shamokin 85

" " " " Waterville 468.

Edlee Tule Co 75, 76, 94, 139, 149, 156, 157, 158, 160, 202, 418,

Edison Lamp Co 18, 60, 110, 162, 189, 193, 446, 470

Electrical Station Ypsilanti Mich. 58.

" " " " Auburn N. Y. 59.

" " " " Southbridge Mass 79.

" " " " Dakota Glata 92, 93.

" " " " Brainville Ky 154

" " " " Portland Me 152

Ermer & Amund 133, 140, 161,

Electrical Station Hazelton 147

Edison Machine Works 152, 271

Eaton S. B. 190.

Edison J. A 226, 234, 257, 274, 281, 307, 325, 474.

Exemple Paris 281.

Enterprise Mfg Co 280.

Estimate of Piquet 275.

Emery W. B. 320

E. E. J. Co Livingston N. Y. 347 1/2 348.

E. E. J. Co of N. Y. 455.

Edison Mrs. J. 460.

E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V

Jennell J.
Fisher W.
Fisher S. W.
Fok & Miller

69.70
287.
326,442.491,
378.

B
B

B

B

B

B

B

B

B

B

B

B

B

B

B

B

B

Harrison J

57.

6

Geo. Place Machy C.O. 109. ~~287~~ 262.

Garrison W. L. 175, 230, 358, 396, & 396.

Germania Bank Paying Teller 241, 946.

Gimshorn 272, 332--433, 434, 435, 478.

Green O. 274

Gluse L. 281.

Graves W. 310 352.

G
I
J
K
L
M
N
O
P
Q
R
S
T
U
V

| | |
|-----------------------------|---------------------------------------|
| Holzer, W. | 15. |
| Harris, J. & | 237, 18 211, 280, 316, 374, 375, 380. |
| Halbord, C. B. | 26.52, 243, 369, 370, 371. |
| Hazelton Main & Frederica | 118 |
| Hofmeyer E. H. | 141 |
| Hazelton Detrom | 147. |
| Halbut Packard & Co | 167 |
| Hiller L | 185, 197, 357, 436. |
| Harris & Robinson | 225, 231, 234, 447, 448. |
| Hughes C. J. | 233. |
| Hudson & Y. Profile | 244. |
| Helm Leather Binding Co | 250, 326, 415, 456, 461, 484. |
| Holger Mrs | 253. |
| Hubbard W. L. | 255, 343, 471. |
| Hersbiger J. | 267. |
| Halbut W. H. | 291. |
| Rix W. P. | 283, 422, 423. |
| Hastings J. S. | 328, 491. |
| Hutchinson | 385, 389. |
| Hazelton Coffin & Casket Co | 429 |

Innell S. 256, 314, 315, 317
Innell J. 308

I
J
K
L
M
N
O
P
Q
R
S
T
U
V

Jenks W. J.
Johnson F.

66. 218. 222. 224. 242. 244. 255. 258.
254.

Krensi J

Kirby G. Jr.

Katzmeyer

King A -

Kirk M.

57.

65. 263. 296.

245

453, 486.

472.

K

L

M

N

O

P

Q

R

S

T

U

V

Lyon C. P.
Leonard & Ellis
Lord H. B.

80 164, 182, 207, 286, 314, 331, 394, 404
97, 480.
172, 317, 335, 344 1/2

| | |
|---------------------------|-------------------------|
| Mr. Langlin Jr. | 1124 |
| Mr. Carmel Maine & Feeder | 115 |
| Morris Jasper | 135, 136, 334 |
| Mr. Nab & Harlow | 167 |
| Markle Bros | 187, 185 |
| Middleton, C. | 183 |
| Markle E. B. | 184 |
| Markle & Hall | 193, 239, 240, 374, 426 |
| Miller W. F. | 208 |
| Mullen J. | 253 |
| Mayor Geo | 264 |
| Mumme D. | 278 |
| Moore S. L. | 288, 338 |
| Magnolia Hotel | 304 |
| Moore M. F. | 372 |
| Marr F. L. | 374, 412 |

M
N
O
P
Q
R
S
T
U
V

National Life Bending Co 142 334.
New England Benth Co 155.
Naylor J M.

(26)

268 7001

1074 2

Odgers 20, 7th

orange n.j

26

134, 168, 267, 299, 339, 459, 461, 467, 477, 484

164, 205, 206,

Osborne D.M. 26
 O.H. J. 134, 165, 267. 294, 339, 439, 461, 467, 477, 484
 Dugan D.H. 164, 205, 206.
 orange R.J. Central Station 360, 362

Central Station 360, 362

Q
P
Q
R
S
U
V

| | |
|-----------------------|-------------------------|
| Perry J. | 65, 186, 218, 220, 257. |
| Portland J. M. Detron | 154 |
| Prison J. W. | 221, |
| Rehce J. A. B. | 858, |
| Pilly J. | 402 to 409. |
| Pizinni A. Captain | 492, |

W.D. Rich

2. 3. 4. 5. 6. 8. 9. 10. 21. 22. 32.
33. 45. 46. 47. 48. 50. 88. 90. 91. 100. 100 1/2. 111. 154. 158. 164. 282.
246. 247. 307. 312. 318. 319. 370. 336. 339. 341. 344. 347. 348. 357. 352. 354. 355
389. 418. 421. 426. 436. 437. 440. 446. 481. 489.

Root W.A.

498 1/4

Remington R.

295.

Ranach B.

393.

| | |
|-----------------------|---|
| Linn G. C. | 11. 12. 13. 22. 24. 38 |
| Stewart A. | 24. 184. 222. 232. 233 275 277 821. 830. 833. 843 |
| Sturtevant B. F. | 56. |
| Schwank W. | 100 1/2 |
| Safety Steam Power Co | 8132. 335. 367. 476. |
| Spencer J. | 139. 861. 318. 442. |
| Swift A. | 197. |
| Sprague F. J. | 220. 229. |
| Stewart W. H. | 258 1/2 |
| Swett D. | 274 |
| Swett D. | 271. |
| Samford Manchester | 299 |
| Stratton H. | 313. |
| Soldan S. | 321 1/2 |
| Sparks Parker & Co | 336. |
| Shendrook Rock Mfg Co | 366. |
| Stewart Jesse | 372 |
| Stewart A. | 1114. 445. 475. |

Thurston R H 168

Sate. A. O 252.258 1/2

Tillittson L. G. 266.306.

Tulley John R 410.

Upton J. R.

76, 316, 363, 373,

Utica N. Y. Statement 302, 303,

Union Bolt Works 438, 443,

Williams H. M.

36.

Warren L.

479.

Walker S. C.

64, 203, 248, 257, 310, 462, 490.

Wilber G. W

99, 150, 195, 202, 254, 309, 305, 323, 333, 369.

448, 462.

Winant, W W

168

Western Elec. Co.

206, 217, 318, 414

Windsor Hotel Prop

431.

Waller E.

454.

York W. C.

201.

Jan 11/6

Lt Gardner to James D. E. C.
 Channing & Sons Esq
 Providence R.I.

My Dear Sir: In reference to the
 conversation we had with you
 today during which we mentioned
 that the American Defense was
 as a 2000 and that they were
 paying off their legal bills
 against this amount, we inc a
 annex hereto a copy of a
 resolution which was passed
 at a meeting of the Directors
 of that Company on January

last to the inf.

Will you very kindly write
me a few more statements
of the ~~points~~ in the ~~language~~
of the ~~inquiries~~ as ~~very~~ ~~correct~~
as this morning -

In the language of ~~the~~
which this ~~language~~ is becoming
more and more the better school
I now ~~ask~~ ~~you~~ to write under
the of ~~but~~ assistance to us
in replying to the ~~revision~~.

Very truly yours
H. A. L. L.

1 1848

Edward J. Smith
Lancaster, Pa.

[illegible]

Jan'y 17th

Messrs. Cunningham & Co.

292 Peter St.
City

Gentlemen: In answer to your order

#69, there are a number of
Humboldt's pictures and for 292
for Bullington & Co. a picture of
which I have been shipped for
will therefore please cancel the
order as far as it refers to
these telegraphic pictures. We
fear they will not be needed
and oblige Yours truly, Charles

J. H. Edwards
C. H. Edwards
C. H. Edwards

Jan'y 17th

Wm. May Jr.
Esq.
Canton, Mass.
East-church St.

Dear Sir:

I enclose you herewith
a pair of oiled spec. It is
very well as is the
and exchange with.
Can you find out where
they were the material.
If so, you will get a much
better price on each than
our prices at the time -
Yours truly

Charles
Edwards

January 17th 1892

Spencer Gordon Ellery
 New England Electric
 Edison Electric Co
Boston Mass

Dear Sir:

I send you herewith
 Estimate, Specification of Building,
 plan of District and contract for
 the installation of an Edison Electric
 Light Central Station plant of
 3200 lights capacity at
 Worcester Mass, the said
 Estimate amounting to \$ 74005.⁷⁵/₁₀₀
 This Estimate is based on the
 present value of labor and
 material and we had ourselves

ready to close it on the terms stated at any time within sixty days from date hereof but not after.

The local Company in executing the contract for the installation of the plant should be careful to comply with the laws of the state of Massachusetts.

A meeting of the board of Directors should be called and a resolution passed directing the officers and

+3

therein (usually the President and Treasurer) to sign the contract on behalf of the Corporation and affix thereto the corporate seal.

Care should also be taken to have the officers signing the contract acknowledge it before some officer authorized by law to take acknowledgements and administer oaths and in the acknowledgment should be incorporated an affidavit by the

F4

officers that they signed
the Contract and affixed
to it the Corporate Seal
under and by virtue of
a resolution of the Board
of Directors authorizing
them so to do; the
form of the acknowledgements
to be such as is
required by the laws
of your State.

The acknowledgements

45

should be written on
the blank pages
annexed to the Contract.
We do not regard the
Contract as binding upon
us until it is ⁱⁿ ~~re-~~
here properly executed
together with a certified
check for the amount
required to be paid
upon its execution
On receipt of the

#6

Contract executed by the
Company we will return
a duplicate signed.

The plan of the Hotel
Station Building showing
the proposed arrangement
will be sent you by
first mail on Monday.

The report having had
to delay the Estimate
it having been promised
some days ago but

#7

trust that it will be
found satisfactory &
hope to remain
very truly yours.

Thomas A. Edison

Jan 21/3
 John Henry Esq
 Care Public Co
 City
 Dear Sir

We send you
 herewith duplicate copies
 of application to the Pubcom
 kindly send up
 your bids as early as
 possible, & oblige

Yours truly
 Messrs. Chapman & Co.
 by Chapman

27th Jan., 1911.

Electrical Determination of Uppilatti Mech. -
Central Filament in Resorcin.

| Feeder 1/. | Mean. | Practical size. |
|------------|-------|-----------------|
| | 1-A. | +5. |
| | 1-B. | +1. |
| | 1-C. | +6. |
| | 1-D. | +7. |
| | F.E. | +10. |

Feeder 1/- 105,000 μ m. (on 40 \times of best).

Total number of Lamps 27.

2 105 μ + 217 Ohm.

Drop in Resorcin - 80p. 3
to mean 35p 2

B.2nd January 4.

Electrical Determination of Auburn St. Ry. -
 Central Station in Block # 1.

| Feeder 1/. | Reading. | Practical size. |
|------------|----------|-----------------|
| | 1- C. | * 0000. |
| | 1- A-B. | + 2. |
| | A-J. | + 2. |
| | 1-D. | + 3. |
| | 1-E. | + 3. |
| | 1-F. | 133,000 d.c.u. |
| | 1-G. | 40. |

Feeder 1/. 500,000 d.c.u. (max of dist.).

Total number of Lamps 1985.
 1000 + 200 others.

Drop in Feeder 55 ft. $\frac{1}{2}$ in.
 in New 1/2 in.

3/2

See Appendix

Jan'y 22 "

W. S. Andrews Esq.
of E. & F. M. Co.
Mount Carmel.
Pa.

Dear Sir

In reply to your favor
of 21st would state that the extra tools
which have since been forwarded, the same
article is now at the factory, and will
be forwarded as soon as it is ready, and will
be forwarded to Pittsburgh with the two other
holders also containing straps.

Referring to the matter
of plug switches, have informed Engstrom & Co.
as to your wishes, and trust the present
difficulty will be obviated.

As to the main & upper
to please confer with Mr. Rich on the subject,
and I have no doubt it will be satisfactorily
explained.

The Engstrom tools for this station
were omitted from the estimate at the request
of the Local Co. all the appliances called for

by the contract have been supplied from
 there, any other supplies they will have to
 furnish.

Very Respy.

J. A. Edison

Const. Dept.

P.S. - Please return the broken oil
 at Hallowell in exchange for perfectly
 good oil.

July 22^d 4

Albion, August 2^d
290 Ave. C.

At

Continued

We are in receipt of a communication from an Mr. S. Anderson in which he states that the flag uniting on Lamp boards for Fairbanks is too small and should be at least half as large again & cut off 25 lamps. will you please forward this to the proper authorities.

In the other hand of fifteen lamps for state, some to paper in that small might attached flaguniting set on separate boxes these [?] the same style as usually made.

We are also informed that on order. Very but one pair of dimensions straps have been received, please send the other pair, they have evidently been omitted in packing.

Your attention to this alone will greatly oblige

Yours Very Respy.

J. A. Edison

Jan. 22. 4

W. H. Doubleday Esq
Fall River Mass.

Dear Sir

We are in receipt of your favor of 19th inst. and in reply would state that the goods shipped 17th inst. includes all the extra bottles called for by our contract.

If you will kindly supply us with an itemized statement as to the number of complete meters you now have on hand, including bottles belonging to them we will endeavor to comply with the terms of our agreement with that Co. our books show it entire.

We fail to understand your allusion to 96 bottles for 5-12 light meters but may perhaps come

to some definite understanding of the
 matter upon receipt of the information
 asked for.

Check for expense &c as rendered
 will be forwarded today under separate
 enclosure.

Awaiting an early reply we
 are
 Yours &c

J. A. Edison
 Const. Dept.

Jan 23 4

Electric Tube Co.
65 Washington St.
Ct.

Dear Sir

We send herewith

our separate cover slip and
Electrical Determination of
specimens of H. for test.
We will place without extra
charge undergirded conductors of
your earliest convenience and to
order.

Yours Very Truly

J. C. & E. H.
Crescent Works

Jan 23
Cummings & Davis
Presidents

Will send to Washington
cover slip and part of
order.

J. C. & E. H.

Jan. 23rd 4

Messrs. Ryman & Co.
 1292 Chest. St.
 Phila.

1292 chs. 8.

子

Gentlemen

Gentlemen We are in receipt
of your postal card of 27th inst
intending us of 1000 shipwreck
of Loughlin. Together with
Tadlow Exp. of this is and
will be saved has not at
present writing been received
Please Revert to and
oblige Yours Truly
J. J. J.

G. C. L. Edward

Step 1

22

G. A. Miller & Co.

10

۵

Respectfully,
J. P. Stephens

find him a ² of letters and
showing a ² of dynamism
which is ² of letters as well as
much of ² of letters in which
it is ² of letters

Plant 100
Fall 2 - 800 L. Dug 366

Belmont (Pa.) 8443

Abbeys, City, N. 500, N. 238

McCauley Pa 2-250 - D. 689
McCauley Pa 2-500 - D. 1219

Address O. 2-250 - D. 869

Cliffis V. 2-300 - 20.
Buckwheat Very Ripe

W. A. Edwards
Conc. Dept.

1992

Jan'y 28 "

Electric Tel. Co.

Washington D.C.

Sir,

Dear Sir -

We are herewith sending
separate cost map and electrical determinations
of Southbridge others for which you will please
submit soon as possible estimate for under-
ground construction and other.

Yours Very Respy.

J. A. Edison

Arthur D. P. S.

A.

July 23^d 4

Electrical Determinations of
 Southbridge Mass.
 Central Station in Block #3

| | cellars | Practical days |
|------------|---------------|----------------|
| Feeder 1/- | 1- A. | #7 |
| | 1- B. | #2 |
| | 1- C. | #5 |
| | 1- D. | #8 |
| | 1- E. & F. G. | 105,000 ft. |

Feeder 1/- 105,000 ft.

Total number of Lamps 662
 10 exp. & 217 others.

exp. exp. in Feeder &
 10 exp. . . cellars

2 wire system.

Jan 23 14
Electrical Determinations - Dakota Plate

Determinations A. - 40% of lamps

| | Main | Practical Calc. |
|------------|------|-----------------|
| Feeder 1/2 | 1-ft | 535 500 ft |
| | 1-K. | 2 000 ft |

| | | |
|------------|-----|-----------------|
| Feeder 2/2 | 2-B | } # 2 1/2 Tubs. |
| | 2-B | |
| | 2-C | |
| | 2-D | |

| | | |
|------------|-------------------|------------|
| Feeder 1/2 | # 2 Tube. | drop. 6.4% |
| 2/2 | # Two # 1/2 Tube. | 1.9% |

In using German silver resistances on one branch of Feeder 2 of 200 thick, 108" wide & 40 ft long the drop will then be 6.4% as in Feeder 1/2.

Total number of lamps 3700.

Drop in remains 16 cp. - 140 ohms.
3%

Determinations B. 6% of Lamps.

Feeder 1/- Mania
1-P.
1-K-

Practical Exp.

#2 Tube.

311,700 qus.

Feeder 2/- 2-A
2-B
2-C
2-D

}

#1 1/2 Tube.

Feeder 1/- Two #2 1/2 Tubes drop 6.2%
" 2/- Three #1 " 1.5%

In using German Silver Resistances on one
branch of Feeder 2/- of No. 237 with
#40 ft Long the drop will then be 6.2% across
Feeder 1/.

Total number of Lamps 5640 -
16% of #40 ohms.

Drop in Mania 3 1/4

July 23^d 4

Electric Tube Co.
65 Washington St.
City

Gentlemen

From enclosed map
and determination of Dakota Flats, please
submit estimate of cost of underground
conductors at your earliest convenience
and oblige

Yours Very Resp.

J. A. Edison

Consulting Eng.

June

May 25

7

John Harris

Dear Sir,

The coffee of your troubles come from being "too quick" while it may seem cautious to you our experience has shown that it is better for many reasons not to write a single page before the action is ready. In every instance where local people wanted to push ahead, so many mistakes were made and so much extra expense occurred that the little gain in receipts at first was nothing as

as compared to the loss. This business is to run for many years, and no mistake should be made to save a month or so, It is King's funeral haste that destroys our methods of procedure and makes me think that we have a poor system we are not prepared for it because we do not believe in the method,

Yours Truly,
James A. Brown

W.D. Rich Esq Jan 24 +
 Hazelton Pa

Dear Sir:

By tonight's mail we
 sent to you at Newburg boiler
 plan and plan of dynamo
 wood frames. Estimate of
 plant will be sent you
 as soon as we can get copy
 made - tomorrow -
 Asbestos packing ordered forward -
 We are glad things are
 at last going to progress
 in Newburg - Rush them
 very truly
 Yours &c
 W.D. Rich

July 25th 4

M.C. Belknap Esq Secy
 Canon Elec Mgt Co
 Newburgh
 N.Y.

Dear Sir:

I am today in receipt of a letter from my Superintendent Mr. Rich in which he informs me that work in connection with the Newburgh building has been advanced to such a stage as to allow us to go ahead with our portion of the installation which we will do with the utmost dispatch.

I regret to say that on account of the great length

#2

of time which it has been necessary
to consume on your portion
of the plant, I am in this
letter compelled to make a
request of you which, had the
work been all done by me,
I should have avoided.

You no doubt understand
that my position in relation
to the installation of these
plants is simply that of a
contractor, which position I
have assumed on account of
being more thoroughly versed
in the details and construction

#3

than any one else can be, owing
to the superior advantages ~~my~~
I possess as the inventor of
the system, and from the fact
that I should not feel safe
at this early date to trust
the success of my system to
any person possessing less
knowledge in regard to it
than myself.

You are also no doubt
aware that my Construction
Department is not a Corporation
existing with a capital, but

x 4

that I install these plants and meet the bills for material furnished on account of them and labor performed in connection therewith, by the payments on account of my contracts which I arranged in such a manner as to mature at proper intervals to take care of the above mentioned bills.

Thus you will see that owing to the number of times I turn my money a payment in my business delays one

#5

month is as detrimental as if it were delayed six months in almost any other business.

With the exception of a few hundred dollars worth, all the material for Chewburgh was ordered by me over two months ago and consequently the greater portion of the bills have matured - as I stated before had I done all the work in connection with your plant I would have - and from the foregoing you will see that from necessity I must have proceeded in such a

46

manner as to secure to myself
the second payment on account
of the Contract - due when the
station is ready to supply light -
long ere this -

I now have to ask if
you will very kindly send me
a check for \$7500.⁰⁰ - or as
near that amount as possible -
to be accepted by me as part
payment of the second installment
on account of the contract.

I trust you will understand
my explanation of this matter
and decide favorably in

26

manner as to secure to myself
the second payment on account
of the Contract - due when the
station is ready to supply light-
long be this -

I now have to ask if
you will very kindly send me
a check for \$7500.00 - or as
near that amount as possible -
to be accepted by me as part
payment of the second installment
on account of the contract.

I trust you will understand
my explanation of this matter
and decide favorably in

27

regard to my request and I
do trust that on account
of the said request being an
unusual one in cases of this
nature you will accept this
lack as my apology for
taking up your valuable
time in the perusal of this
lengthy letter. I am

Yours Very truly

Thomas A Edison.

July 25th
 Mains & Fredericks for
 Bellefonte Pa.

| | | |
|----------------|--------------------|--------------|
| Fredericks 1/2 | For Fredericks 1/2 | ch. 25 |
| | 1-F | 175.000 lbs. |
| | 1-2 | 20000 g. |

| | | |
|----------------|--------------------|--------------|
| Fredericks 2/2 | For Fredericks 2/2 | 102.600 lbs. |
| | 2-1 | 20 |
| | 2-E | 26 |
| | 2-G | 210 |

Between H & I for Mains 1-2-20.

Jan'y 28 4

Manis & Feeders at Hagleton Pa.

| | | |
|------------|---------------------------------|------|
| Feeders of | ^{Manis} att feeders of | # 2 |
| | 1-2 | # 2 |
| | 1-3 | # 2 |
| Feeders of | att feeders of | # 5 |
| | 2-1 | # 2 |
| | 2-3 | # 0 |
| Feeders of | att feeders of | # 0 |
| | 3-1 | # 2 |
| | 3-2 | # 0 |
| | 3-4 | # 3 |
| McC | for branch C.C. | # 10 |
| D | D-D | # 2 |
| E | E-A E-B | # 8 |
| K | K-J | # 2 |
| G | G-G | # 5 |
| L | 2-3 | # 0 |

Jan 28 #

Mamie & Feeders for
Mt Carmel Pa.

| | Mamie | with |
|-----------|--------------|------|
| Feeder 1/ | Mt Feeder 1/ | # 00 |
| | 1-E-D } | # 2 |
| | 1-B-C } | |
| | 1-B-A } | # 2 |
| | 1-E-F } | |
| Return | 1-D-B-1 | # 0 |
| | at C | |
| Return | 1-B-A-1 | # 2 |
| | at A | |

Jan 28/4

M. C. Belknap Esq Secy
Edison Elec Mfg Co
Newburgh N.Y.

Dear Sir:

I am in receipt of your
letter of Saturday's date in
reference to making another
call upon your stock holders
and advancing me \$7500⁰⁰

I beg you to accept
yourself, and convey to
your President my
thanks for your very

2

Kind consideration of
my letter of the 25th.

Yours very truly

Thomas Edison

July 28 4.

A. S. Chapman Esq.
 Brighton

Dear Sir

Will you kindly
 furnish us with a list of
 material necessary for
 the working of this bureau
 in a city like Providence all
 of our appointments to the
 work of each of the various
 departments we require that
 you furnish a sufficient
 list of the local necessities
 Your early attention to this
 matter will oblige

Yours Respy.

J. J. Davis
 Secy. L. B. S.

Jan 30 / 4

W Gaskofmeyer
 20 First Ave
City

Dear Sir: We are informed that the poor
 "old man" you refer to in your
 letter of yesterday is rich and
 owns real estate. We hardly thought
 such an excuse would be accepted
 by you. The man has however left
 our service and I shall be glad
 to have you report here as quickly
 as you can for duty - You must
 come today if you desire to take
 the position immediately Thos. V. Edison

Jan. 31. 4

W. S. Andrews Esq.
 c/o Lt. Carmel Pa.

Dear Sir

In reply to your favor of 29th inst. we beg to enclose copy of list which Heblers was copied from.

The copy last sent you was made by ellap department determination for safety catches - and the new one is the original which will I think compare favorably with that first forwarded and by which the list was copied.

Should any discrepancies be discovered in this list please advise.

We beg to confirm our telegram of this A.M. relative to forwarding allegations 29th inst. by Adams Express to you at c/o Lt. Carmel - it was an error stating they had been sent to Hagleton. Pa. *Respectfully*
 J. H. Oliver *Secretary*

'Z'

Electrical Determination of Niglicin Pa.

| Feeder | ethans | Theoretical Size | Practical Size | of Lamps |
|----------|---------|------------------|----------------|----------|
| Feeder 1 | 1-B-D-2 | 64,400 ft | #2 | 111 |
| | C-G | 12,000 " | #10 | |
| | 1-K-J-8 | 60,000 " | #2 | 160 |
| | E-A | 24,700 " | #8 | |
| | E-B | 16,000 " | #8 | |
| | | | | 374 |
| Feeder 2 | 2-B-D-1 | 64,400 " | #2 | 176 |
| | 2-F-8 | 92,000 " | #0 | 245 |
| | | | | 421 |
| Feeder 3 | 3-K-J-1 | 60,000 " | #2 | 115 |
| | J-H | 50,800 " | #3 | 181 |
| | 3-G-2 | 92,000 " | #0 | 245 |
| | G-G | 37,200 " | #5 | |
| | | | | 521 |
| Feeder 1 | - | 86,800 ft | #2 | 121 |
| " 2 | - | 81,800 " | #2 | 124 |
| " 3 | - | 78,100 " | #2 | 129 |
| | | | | 374 |
| | | | | 1219 |

* Feeder #2 on off of heating, 48,400 ft. #5 - must be taken

between direct resistance between each branch too

thick 8" $\frac{1}{2}$ " wide - 31' 5" long

Total number of lamps 1219

to off. 5 217 lamps.

on off. 187

January 4

Messrs. Bergmann & Co
292 Ave B
City

Dear Sirs: Enclosed I hand you our
invoice for a photograph to be
sent to South America

Please render your bill for this
to me and enter price on bill
at about \$50.00 in order to pass
Customs (nominal amt).

Invoice for this should read
"Scientific Instrument" and the article
forwarded by Pacific mail, cleared
at Customs House and bill addressed
to W. H. Stewart, Edison Elec. Co.,
Santiago, Chile, South Am.
Sincerely,
Thomas Edison

Jan 31. 4
 Electric Tube Co.
 65 Washington St.
 City
 Gentlemen.

Enclosed
 herewith please find det.
 minations and map for Chilli
 upon which please make
 estimate but do not close
 it as there may be some
 additions to make for points
 as noted on the first page.
 We should also be pleased to
 have you bring the figures
 and map with you in the
 a.m. not later than 10 o'clock
 as the party having the
 matter in charge leaves on
 the steamer tomorrow noon.

Very Respectfully
 J. A. Edison
 Genl. Mgr.

FFebruary 1st 4

Technical Determination of Portland, Me
Central Station in Block #23

| Technical | Practical Size |
|-----------------------|----------------|
| 1-4 | 105,000 gms |
| 1-2 (North) | 105,000 gms |
| 1-2 (South) | 105,000 gms |
| Feeder 2/ 2-1 (North) | 105,000 gms |
| 2-1 (South) | #5 |
| 3-9 | #6 |
| 3-10 | #0 |

Feeder 1/ 378,11.00 gms
" 2/ 232,100 gms

Total number of Lights 1986
10 up & 217 down

10% drop in Feeders
3% do.

Feb. 1st 1891

Electric Tube Co
65 Washington St.
City.

Dear Sirs:-

Please Submit an estimate of the Cost
of underground Conductors on the enclosed map
and determination of Portland, Me at your
earliest Convenience and oblige

Yours Truly

Hos. W. Edison Constn Dept
N.Y.

July 1

Electric Tube Co.
65 Washington St.
City

Gentlemen

You will please submit
Estimate for underground conductors for
Lancaster by aerial telecommunication and most
humane and obliging

Yours etc.

J. H. Edwards

Contractor Dept.

-F-

July 1 4

Electrical Determinations of Louisville Ky.
Central Station in Block #81-

| Feeder of | cellars | Practical Exp |
|-----------|---------|---------------|
| | 1-D | \$4 |
| | 1-T-E | 168000 per |
| | 1-X-W-C | \$000 |
| | 1-Y-W-C | \$000 |
| | 2-N-E | \$8 |
| | W-L | |

| | | |
|-----------|------------------|------------|
| Feeder of | 2-T-1 | 168000 per |
| | 2-N-E | \$0000 |
| | 2-V-A-B | \$1 |
| | N-N ₁ | \$8 |

| | | |
|-----------|---------|-------------|
| Feeder of | 3-X-1 | \$000 |
| | 3-Z-W-1 | \$000 |
| | 3-V-2 | \$1 |
| | 3-F | 105,000 per |

| | |
|-----------|--------------|
| Feeder of | \$0000 |
| of | \$71.00 per |
| of | \$72,000 per |

Total number of lamps 3385
100 ft. 2.7 ohms

200 ft. of back
cable left for
feeder to B. & C.
cable used as follows
10' each 20' each
10' each
10' each in feeders
3 1/2' = 2 cellars

Jan 21

W.D. Rich & Co. E. E. Sept 18
Belleville Mo

Newburgh estimate allows
you to Newburgh.

We allowed one hundred
forty dollars for stock.

Five City men took five

As quote the price.

Cheaper to accept their

bid and pay freight

Then to them

\$161

Dec 4/4

A. A. Ogden
Hearby Right

Dear

Get lot of diamonds

not less than

forty two feet by

sixty seven feet
Thos. A. Bailey

Chicago
Charles P. Davis
Union City
Pa

Write your hotel address - then
go to Hay - Thomas A. Edison
8/25

Are you going to
that Edinburgh state
in for one forty one
or two hundred mile
from home power 1890
Good-bye

Best
Curtis
Wellington

2/5
 R. M. Chambers
 Johnston N.H.

#

At office ten to six
 every day.
 J. ed. Edwards

2/5
 Mr. M. M. Chamber
 Newark City

#

Do. forty eight hundred dollars
 let in letter January fourteen
 in black twenty seven
 to the same 17 c. late of
 Newark N. J.

1/11 92

Received of
 J. ed. Edwards

(Copy)

My.

S. M. Bond by letter
Ladies, etc. etc.
Ladies, etc.

Dear Sir

During the evening and
I have some very heavy financial
engagements & but one wish you would
very kindly let me have your check for
\$1000 on 10 if possible by Tuesday
Trusting you can oblige me I am

Yours Truly
J. A. Collier

Original letter in advice sheet letter
Book Page 41 Book Number One
Fred

July 5 4

W. Garrison Esq.
Treas. E. E. M. Co.

Brockton Mass.

Dear Sir In reply to your favor of 5th ult. regarding allowances and deductions for supplies at Central Station at Brockton, we have to state the following - referring to your list in regular order.

Skull for water - cistern Room - This is one of the regular supplies to Central Station for cistern Dept. and for the delivery of which we hold receipts.

Oil Cans - not having been delivered we will allow price charged for same. - 19¢.

2 pair Phosphor Benz. Bores - In place of these we furnished Ballist. tools which are equally as expensive - therefore make no allowance for these referred to.

2 Dynamite Twisters. We hold receipts for these of these delivered and which are a part of the plant.

- Switches for Field regulation - The full complement in accordance with contract not having been supplied will allow your claim of \$20.-
- 4 Fiedler Indicators - the Co. gave with the first not furnished \$100.- but will charge for whatever is furnished in excess of the number now in use.
- 30 Extra assorted Bottles } The allow claim of \$22.-
- 30 " plates rubber attachments. }
- 250 Temporary Fishnets. If returned in good order we will make a fair allowance for, which can only be determined upon examination.
- Warehouses Tools. If returned. will allow the amount charged. they not being necessary with underground conductors. - \$12.-
- 1- 10' Sheet Iron Churn with strainer & These are both
- 1 Small rocket or need for filling boxes for Compound, both of which are accepted for as having been delivered.
- 1 cts 7 Plug drift. Delivered by The Tube Co.
- The allow deduction of material charged in excess and delivered by Johnson. \$9.72
- The 1000 feet of mooring can be used in further increase of house service. but is of no use with net

to us

Ledgers Forms. We have charged these items
but once on our books, anything in excess
of that on bill is in error.

- Items in question -
clocks with automatic cut off is correct as to
price.

Salary and Expenses of Johnson we cannot allow
as the charge is Corrections allowance. we
we furnished the best man we had at the
time of your earnest entreaties for a man
inimutably.

Harris, furnished 185 safety catches miss old
Junk letter was received for of charge as a feature
of the installation, we must insist upon the charge
for 50 pair as delivered and acknowledged.
Your claim of \$12.²⁵ for various expenditures for
alterations &c we have placed to your Cr in our
item, but would state in conclusion that we make
these several concessions, notwithstanding the fact
that work has been performed and material supplied
in excess of contract and which was not specified
and at considerable loss to us.

We enclose herewith statement showing
the amount placed to your credit which

we trust will meet with your approval and
prove entirely satisfactory.

Awaiting an early reply we are

Yours Very Respy.
T. A. Edison
Constn. Dept.

Feb 5th
 Edison Electric Illuminating Co.
 Brooklyn Mass.
 Credit Bill.

| | |
|---|--------|
| 1 Set Oil cans | 9- |
| Allowance on Field Regulators | 20- |
| 4 Feed & Indicator - not furnished | 100- |
| 30 Extra Assorted Bottles | 8- |
| 30 plates and rubber attachments | 20- |
| 1 Set Wrenn's Tools - consisting
of 1 pr Pole Climber, Wrench
& 1 set of 10 ft of Rope - if
returned | 12- |
| Excess of charge in material furnished
by Johnson | 992 |
| Small expenditures in connection
with necessary alterations, and
repairs to structure. | 312 25 |

491 00

July 6. 4

- Middleton C. -

Scheme of running wires

Letters and numerals refer to points marked
on attached map -

Sigs Bldg.

| | |
|------------|-------------|
| A-1 | 10 |
| B-C | 10 |
| D | 10 |
| 1-2 | 10 |
| F-H | 10 |
| 2-F | 4 |
| F-G | 4 |
| 2-J | 5 |
| K-G-L | 5 |
| 2-E | 5 |
| 1-2nd pr 1 | <u>156</u> |
| do 2 | <u>1000</u> |
| | <u>332</u> |
| | 1333 |

Slide of 4

A. Stuart & Son

100 Union Street

Corner 6th & Vine Sts

Cincinnati O

Have about 2000.

Count upon heavy business.

Reply

Thos. A. Edison

Tuesday 4

W. D. Hewitt Jr

Washington Dc

Dear family - Have

instructed Mr. & Mrs

Thos. A. Edison

Feb 8

U.S. Extra Patent

Edison Electric Light Co.

Worcester Creek Co.

Worcester class

You can undertake my belief
install Worcester plant for security
on thousand dollars if will accept
you class ^{the} important should have
and keep staff employed otherwise

and have equal reduction
offered.

Edison

Feb 87 4

W. A. Andrews
W. E. & W. C.

Ambury m

When does Mayleton
start. Harris
reports timber with
Belleville again says
under repairs.
What is it.

Harold E. Emory

Feb 87

Perry
W. E. & W. C.

Belleville m

Harris reports timber
with Belleville again.
Is this so. Will
pull ~~up~~ particulars
quick

Harold E. Emory

plant at Standing
 learn to not a
 wait for a company
 which one of your
 men can you recommend
 to take hold of
 the work. The
 chance like to have
 the job put through
 as quickly as possible
 and wish you could
 see it within

the next two or
 three days before
 known by me and
 we will have the
 material shipped at
 once ^{including to} the ~~middle~~ ^{middle}
 of the river you
 desire to have the
 change of the work
 immediately
 James D. Brown Esq
 of New York
 of New York

your pleasure in

(20 ribs) etc etc

8/20

Dear Sir,
 I have the honor to
 acknowledge the receipt of
 your letter of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Yours of the 17th inst.

Feb 4
 H. H. Walker
 P. O. Box 2009
 Memphis, Tenn

You go to
 Steuburg. Do
 you want money
 How often?


Remington Arms
 Providence
 R. I.
 Send man to
 Baltimore to. tonight
 come to fix up
 engine. How. A. L. L. L. L.

Fitzg. & P.

C. E. Whinnock Esq
257 Pearl St
N. Y. City

The bearer is Mr
Shimone who has charge
of our estimating Dept.
and who desires to view
the Central Station.

Should he call at any future
time will you kindly admit
him without further
communication from us
yours truly

Wm
Street & Co. Inc. for the
3 

2/11

John Oth.
of Ryman's Co. B.
292 City

Dear Sir,
I have in view
of your notice of receipt of your
order, but in record of the
safety-catch holders, and for the
all electrical appliances from
Fall River - please specify in
detail the goods received.

Very Respectfully,
J. H. Chapman
Circuit. Dept.

Feb 11. 4
Amos A. Emerson
Providence R.I.

When did your
man leave for
Bellefonte Pa
Amos A. Emerson

2/21

Feb 11/4

W H Dudley Esq Treas
 Carson City Sept 6
 Fall River
 Mass

Dear Sir:

In reference to the balance due
 us upon the Fall River contract we
 beg to say that during the past
 week we have some very heavy
 financial engagements to keep
 and if you could very kindly oblige
 us with your check for \$2128.90
 - the amount as above - it would
 be of very great assistance
 to us. We should like it to be
 here so as to enable us to depart

it on Wednesday next.

Trusting this will not
inconvenience you in any
to remain

Very truly yours

Mrs. J. Carson

J. Sam. Carson

Large shipping papers
 J. A. Edwards
 11/2
 J. A. Edwards
 Bellevue, Pa.

May 21st
 Wm. Anderson
 of
 I kindly advise him
 sufficiently experienced
 to be looking out, and
 men who can put up
 dynamite, have written
 in about place.
 Answer quickly, I shall
 14/50

Feb 17

W. J. Andrews
C. Benson the Miss
Margaret 1892

Can't has come with
to attend to in diff.
for me. Sunday
would do if you
could spare him

Sam J. Freely

179/42

Feb 12/4

W. L. Andrews
Golden Rule Dry Co.

Mayleton Va.

Payment of Ten thousands

three hundred ~~and~~ forty two

dollars due to Mayleton

contract. See Mr's Book

ask him when cheque

today or tomorrow.

Very urgent. Mine

result quickly as
possible

86 / Saml G. Groully

Feb 13/4
Western Union Co
51 & 53 Wabash Ave

Chicago
Mail: Madison
Estimate Friday

4/5/4
Sam'l Greull

Feb 12/4

W.C. Andrews
Wilson Electric Mfg Co

Wagleton, Pa
If you think Davis
capable of taking
care of things we
consent to come to
New York quick

Sam'l Greull

Dec 13/1
 John Henry
 Brownlee M.D.
 Bullfrente in
 Champaign Ohio telegraph
 stating you want to "own
 Bullfrente again three
 hundred fifty thousand.
 We cannot understand
 why you want them over
 three hundred - fifty
 thousand.

Charles Benjamin H.
1292 4th B.
Astoria, Ore.

You will please be
carefully for Maritime Subjects
sent in hands of John Pitt in
February and forward our con-
co letters direct to Messrs. Brown,
W. & C. Messrs. J. & C. Messrs. J. & C.
John Day of N. B. Messrs. J. & C.
John Day of N. B. Messrs. J. & C.
John Day of N. B. Messrs. J. & C.
John Day of N. B. Messrs. J. & C.

Books.
David Stewart

Feb. 13 4

Mr. A. D. Dally, Esq.
Trenton, N. J.
Full River, Mass.

Dear Sir Will you kindly
forward to me 9 of Benjamin Franklin's
letters etc. to this city - I the Editor
have got to make up this by
the 15th inst. & which was formerly
connected with the exhausted register
and oblige Yours truly
J. J. Schenck

Wm. D. Dally

220

Feb 14/ 4

J. J. Schenck
9% Wm. D. Dally
Brooklyn Mass

Please go to Fall
River quick - Take
Wheatstone bridge
to locate fault - Reply

Dear Sir

W. K. R. welly June
 from the W. &
 Fort Rock

W. K. R.

Now mine spring
 at Bracken to go
 to Fall River at
 once

W. K. R. welly

12/29

Feb 14/4
 Santa Fe
 and North Rocking

Will send direct
 to you

W. K. R. welly
 4/5-

Feb 24 #
Colt's Patent Revolver
his Exn's Book Co
Beverly Mass
All else than an light
estimate begins for
twenty three thousand
dollars provides other
given immediately
Grand Jury

Feb 14/ 44
W J Parks Esq
Essex St N York
Brooklyn

Mass
Have wires Bailey
& Son of Boston to
withdraw - airt on
you and draw on us
think really

16/13

Feb 14/ H
W. A. Andrews
96 Edison Building Co

Washington Pa
We want full and
exhaustive report
as to running and
condition Thomson
station I. J. Gould

Feb 14/ H
J. W. Bailey Esq Son
* 14 Charleston St
Boston

Withdraw your draft
on Jencks of Brooklyn
and draw on me
for sixty two dollars
eighty cents Reply
Thos. A. Edison

Feb 4
 D. J. Jenkins
 1000 E. 1st St.
 Jackson
 Miss
 Your quick exact
 lengths for new
 belts
 J. A. Edging

2/14
 H. G. Edwards
 Hagerstown Pa.
 Very sorry you state Ballpark
 distances much less from the line
 as cannot understand this. almost
 wish to write them to helpfully our
 ending was somewhat with the
 middle bulge to Ballpark. Engine
 must not move after this
 finished
 Edwards

4/14
 Gardner C. Perkins
 Remington Arms Co.
 Springfield, Mass. U.S.A.
 Is there any objection
 to naming him and his
 wife as donors of
 funds?

4/30


2 15 4
 Remington Arms
 Co. Providence R.I.
 Made springs for Bell
 Engine to Lewis &
 Brundage.
 J. D. Insull

Miss Burman &c
292 4th St
Calif

July 15 4

Friendship

We are in receipt of your bill and will send for either \$100 or \$150 to check on our or 300 507 which we changed at regular bank yesterday for same place. We had better go some place before we get into trouble. We are willing to have our order renewed. Please explain meaning of this. We are anxious to follow up the in addition to what we have in our collection without interference. We had better get it done before we get into trouble. We are willing to have our order renewed.

Yours truly,
J. D. Edwards

July 15 4
J. D. Edwards
Marquette St.
Marquette Mich

We shall be most anxious to hear from you. We are anxious to follow up the in addition to what we have in our collection without interference. We had better get it done before we get into trouble. We are willing to have our order renewed.

Their money again after subject
 approval formal contract meeting
 scheduled when contract received
 Edwin Eaton

E. R. 2/16. Copied by J. B. Campbell
 Davis

July 18th 4
 Harris Robinson.
 Boston.
 Conn.

We are waiting for
 information about
 Harry Plant.
 Cannot find Harris
 where he is.

23
 4
 E. Arnold.

2/18
 Chas. J. Hughes.
 Congregationalist
 Wm.

Hudson will be
 mailed today

Drumwell

2/18
 Wm. Howard
 Congregationalist
 Dr.

Drumwell returned Sunday the
 Howard's returned fifty one
 mailed copy today, I'll send
 within ten days will accept
 contract for Sunday box
 Thompson and Dr. Drumwell

2/18
Thomas J. Blain

Allypudus flava
Allypudus flava
Allypudus flava

As not the church for
 attending perfectly sound
 such a wild country
 through the woods what will
 as Dr. Brown says
 I will write

21st 4
Davis & Johnson
Doubtless Co.

Anthony Comen.

We shall expect report
to accompany regarding
exhibition plans - enclosed

22

2/18 "

Wm. B. Dwyer
292 City

Dear Sir. In your letter

of order 911. we at advised
that 25% more of Shuckling's
prints has just as yet had
never although that with
goods, recently is it not
possible they may have been
overlooked in packing anything
else corresponds with kind

Very Respdy.
J. A. Edwards
Carter Dwyer

2/18

D. H. Dwyer
Cedar Rapids
Iowa.

Only objection to lot on
Jan 11th and that as
high price compared with
lot corner Grant St.
second story.

J. A. Edwards

Office of the
Commissioner of
Fisheries
Washington, D.C.

Hudson.

You will please
forward by return mail the
figures of the gross income
from the sale of the surplus
and the other and other

James H. Cooper
J. H. Cooper
Care of J. H. Cooper
Care of J. H. Cooper

Statement of Profits for Hudson. Pt. 9.

160 Larvae - 10 of @ 1% 1 per Larvae Hour

| Hours
Running | Hourly Receipts | Hourly Expenses | Profit after
deducting Royalties | Percent
Profit | |
|------------------|-----------------|-----------------|-------------------------------------|---------------------|-------|
| 4 | 24.000 | 7695 | 16305 | 35 $\frac{40}{100}$ | |
| 3 1/2 | 21.000 | 7206 | 13794 | 29 $\frac{35}{100}$ | 28.75 |
| 3 | 18.000 | 6786 | 11214 | 23 $\frac{40}{100}$ | 23.56 |
| 2 1/2 | 15.000 | 6462 | 8538 | 11 $\frac{58}{100}$ | |

470-0-0

I have the pleasure to
 acknowledge the receipt of
 your letter of the 10th inst.
 in relation to the above
 and in reply to inform you
 that the same has been
 forwarded to the proper
 authorities for their
 consideration.

May 20th

Mrs. Oba. Chapman
 121 Chambers St.
 N.Y.

Gentlemen: I am not too late
 as desire to make a slight
 alteration in our order for piping
 for 200 Canal St. - the changed
 one noted on copy enclosed herewith

Wm. C. Lewis
 Wm. C. Lewis
 Wm. C. Lewis
 Wm. C. Lewis

Feb 20th 41

Geo. Shaw & Co.
121 Chambers St.
City

Sp. Hesperis - very much like *S. lutea*
one differing in color & shape
with brown red spots for coloring
on wings. One egg - the changed
larva eaten one left several leaves.

22/11/2011

are not much better. The
No. 1000 still shows when leaves
fall all eyes turn to the
leaves for food and because
of so many leaves being
in the water and the water
about the feet of the fish is

now pay for engine.
 This will sell immediately
 on to old steam, many
 engines - Some would
 like the Gravel line
 Well if you still want this
 engine & engine and have
 the opportunity, they'll
 find out to experience

Champion engine as found
 J. J. Mearns

2/25

3/25
Ch. S. State
Cathryn
Buller

Do not fail to
find clearing
process.

Very important that
should now without
reports come to us through
Bureau.

small.

7/26.
 Wm. Andrews

4

Bedford Co.

We have not received
 your letter of the 21st inst.
 which should have been
 due this morning. We
 will reply quickly.

Yours truly
 Wm. Andrews

7/26.

4

Wm. Andrews
 Bedford Co.

We have not yet received
 your letter of the 21st inst.
 which should have been
 due this morning. We
 will reply quickly.

Yours truly
 Wm. Andrews

Feb 27th 4Estimated, 19051000 Lights

Schedule of Line Mining at Biggs, Nev.

1-F-2-3-4-5 $\frac{100}{1000}$ days

1-5-K-3 . 25 A.W.G.

1-4-3-C-D . 24 A.W.G.

2-E- . 20 A.W.G.

3-H- . 24 A.W.G.

Tender 1- $\frac{100}{1000}$ days" 2- $\frac{100}{1000}$ days" 3- $\frac{200}{1000}$ days

A. S. Williams 3/27

4

Mr. Everett's indication
and to Billings last
night. two go to
Stoughton - check made

Amend

Dec 27

4

Chas A. Edson
Maguelai Hotel
Maguelai
Stones

Will letter addressed
to Maguelai, reading
annexed jointly

Amend

Feb. 27 4
 Recd of A. Stuart Secy. Ohio Edison
 Electric Installation Co. of Cincinnati
 Ohio Two Thousand two Hundred and eighty
²⁵/₁₀₀ Dollars. which in addition to
 Three Thousand four Hundred sixty nine ⁷⁵/₁₀₀
 acknowledged Dec. 25/93 is in full for
 25% of \$23000.—amount of estimate
 and contract for the installation of
 Edison Electric Light Central Station
 at Piquette Ohio

Thos. A. Edison
 V. and J. Smith
 Attorneys

Received from Jack Harris Esq Edison
 Electric Illuminating Co of Baltimore
 Pa. Seven Thousand Five Hundred and twenty
 five Dollars on account of contract
 for installation of Edison Electric Light
 Central Station at Baltimore Pa.

Wm. A. Carson
 Esq. Samuel Insull
 Attorney

Amount still due - \$5,447.29

Miss E

Clarkburg W. Va.

Oct.

2/28
Mr. Studman,
P. O. Box 1116,
Baltimore Md.

Dear forwarding agent
Baltimore & Philadelphia.

A. J. Marshall

"I thought of you and your
kindness a great good night
and we would be glad to
to have you through but
on the 10th of March
the committee may still be
with you in the way
but I think it sufficient
as for the rest, we can let
if they are finally adopted
most and otherwise we
sorry - Yrs

Wm. Rogers
E. J. Green
and others

Statement of Profits for Utica NY

3200 10 sp. Candles.

at 2.50 per 2000 Candles

| lbs
Supplied | YEARLY
RECEIPTS | YEARLY
EXPENSES | Net Profits
After
Depreciable Assets | Per Cent
Dividend | REMARKS |
|-----------------|--------------------|--------------------|--|----------------------|---------|
| 4 | 48000.- | 15156.- | 32844.- | 32.8% | |
| 3½ | 42000.- | 14283.- | 27717.- | 27.7% | |
| 3 | 36000.- | 13410.- | 22590.- | 22.5% | |
| 2½ | 30000.- | 12531.- | 17469.- | 17.4% | |

at 2.00 per 2000 Candles

| | | | | | |
|----|---------|---------|---------|-------|--|
| 4 | 38400.- | 15156.- | 23244.- | 23.2% | |
| 3½ | 33600.- | 14283.- | 19317.- | 19.3% | |
| 3 | 28800.- | 13410.- | 15390.- | 15.3% | |
| 2½ | 24000.- | 12531.- | 11469.- | 11.4% | |

at 1.75 per 2000 Candles

| | | | | | |
|----|---------|---------|---------|-------|--|
| 4 | 33600.- | 15156.- | 18444.- | 18.4% | |
| 3½ | 29400.- | 14283.- | 15117.- | 15.1% | |
| 3 | 25200.- | 13410.- | 11790.- | 11.7% | |
| 2½ | 21000.- | 12531.- | 8469.- | 8.4% | |

Note

This statement of profits is based
upon a Capitalization of \$1,000,000.

Actual Cost of plant \$3,327,300

Val at 4.50 per Ton.

29 March 1904

March 3 4

M. A. Audubon
 of E. E. Bell Co.
 Allentown Pa.

Advertiser and Steamboat
 Agents by Express today
 from Boston

Dear Sir

My dear Sir
 March 3 4

Dear Sir, I have
 pleasure in
 sending you the
 following

It will be at

least to have enough for
 letters to make you off
 shall not mind to

Magnolia

Yours truly
 J. D. Smith

3/4
W. E. Andrews
Bellevue Pa.

I shall take with
me to Bellevue
Bright
S. J. Dineen

March 4
Commissioner
Providence

Have telegram from
Edwin asking me
agree to pay for
royalty. . . .
income directly
J. J. Dineen

14/50

For Mr. Gurnel with
you.

28 c. A. V. Tate

11 25
57

Feb 24

Paul Small

W. E. C. S. S. S. S.

Thamson in Pa

In harness again.

Schawm called today

Gave me check too

thousand on account.

Desires to see you.

Returns tonight.

Have you new edition

Mch 7
 Wm. A. Emery
 90 E. Union St. N.Y.C.
 Newburgh N.Y.
 Check mailed
 this morning
 Wm. A. Emery

March 7
 Wm. A. Emery
 90 E. Union St. N.Y.C.
 Piqua Ohio
 Have you got my letter about
 complimentary ad. of Piqua, please
 send to your publisher,
 Mrs. Lawrence Keef, teaching badly
 J. Russell.

Wm. A. Emery
 90 E. Union St. N.Y.C.

Mch 7 4

R. D. Portland Esq }
 112 Pearl St }
 City }

Dear Sir:

In discussing the estimate of material required by your South American friends with you this afternoon the writer omitted to mention that in dealings of this nature it is customary for us to allow a brokerage of five percent. (5%) of the amount of our bid.

This commission in no way affects the cost of the plant to the purchaser as it is simply sharing our profits and would be retained by us were we dealing directly with the parties who desire to utilize our system.

Should you be successful in securing to us this order we shall be happy to make you the usual concession as above.

Yours respectfully

Harold Edgar Brattle

By MB

ch/ 1894

Contracts submitted since Jan 1

| Town | Specs | Specs | Specs | Amount | Contract | By whom sent |
|---------------|-------|-------|-------------|------------|----------|--------------|
| | 1893 | 1894 | 1895 | ESTIMATED | MADE | |
| Piquette | 1000 | 1454 | overhead | 24,185 90 | Jan. 17 | W. Throat |
| Amherst | 1800 | 1985 | underground | 46,844 25 | Jan. 28 | W. Throat |
| Spaulding | 500 | 792 | " | 14,823 64 | Feb. 8 | W. Throat |
| Amherst | 1600 | 1949 | overhead | 32,535 45 | " 13 | C. F. Hughes |
| North Amherst | 500 | 758 | " | 14,039 05 | " 23 | S. Borden |
| North Amherst | 500 | 673 | " | 18,266 96 | " 14 | W. Throat |
| Amherst | 1600 | 1800 | underground | 34,988 13 | " 19 | S. Borden |
| Spaulding | 1600 | 2078 | overhead | 40,127 34 | " 25 | S. Borden |
| Amherst | 1600 | 1857 | " | 34,243 06 | " 25 | C. F. Hughes |
| Piquette | 1600 | 2151 | underground | 40,665 47 | " 27 | C. F. Hughes |
| Amherst | 1600 | 1961 | overhead | 34,788 13 | " 27 | C. F. Hughes |
| Amherst | 1200 | 1437 | underground | 34,058 00 | " 27 | C. F. Hughes |
| Amherst | 1600 | 2555 | overhead | 43,564 96 | " 1 | S. Borden |
| Amherst | 500 | 662 | underground | 22,678 15 | " 1 | S. Borden |
| Dalhousie | 1000 | 1568 | overhead | 24,796 33 | " 1 | S. Borden |
| Amherst | 1200 | 1442 | underground | 34,898 47 | " 1 | S. Borden |
| Amherst | 500 | 781 | overhead | 15,291 13 | " 7 | A. Stewart |
| Amherst | 1200 | 1200 | underground | 34,000 00 | Feb. 19 | W. Throat |
| Amherst | 1600 | 1986 | " | 40,078 57 | Jan. 19 | S. Borden |
| | | | | 105,779 26 | | |

May 8 4

May 8, C. C. C. C.
 4/4 Magnolia Hotel,
 Magnolia Ala.

Should have taken Cassidy
 place as wait till
 you return. Then
 change for boat
 leave at 10:30
 about 10:30.

W. C. C. C. C.
 4/4 C. C. C. C. C.

Beulah, Ala.
 through the
 country two hours
 from Beulah, Ala.
 located 10:30, with
 the same as Beulah.

March 8 4

J. S. Hastings Esq. Treas
O. C. Light Co.
65 Ave 5 City

Dear Sir We have at various times
requested options on real estate for the
following named points and with each
request maps were furnished. if possible
will you kindly advise as to what action
has been taken in the matter
Mauach Chunk Pa. Galveston Tex. Mobile Ala.
Pottstown Pa. Pottsville Pa. Hallsboro Pa.
Melleboro Pa. Milton Pa.

An early reply will oblige
Yours Truly
Rufus
T. D. Edison
Contract Dept

March 8 4

Messrs Wendell & Hall
 Detroit Mich
 Gentlemen

At various dates we have asked for opinions on Real Estate for Central Stations as below and for which we have furnished maps. You will oblige by advising us as to what action has been taken in the matter.

Grand Haven Mich, Ann Arbor Mich, Adams Mich.

Prompt attention will oblige

Yours Very Respy.

J. H. Edison

Contra. Dept

3/8

4

A. Stuart Esq. Secy.
 Ohio Edison Electric Installation Co.
 Schuyler Sts.
 Cincinnati O.

Dear Sir

Some time since we
 requested options on real Estate for
 the following points and for which maps
 were furnished - you will oblige by
 advising us as to what action has
 been taken in the matter.

Washington C. O. Lima O. Urbana O.
 Cynthia Ky. - Elizaville Ky. Canton O.
 Chillicothe O. Adon O. Springfield O.

Your early attention will oblige

Yours Very Respy
 T. A. Edison Consty. Sept 1898

3/11/18

Clidulobus Q.

Whether has his broken only
 cannot hope in Consequence
 to find immediately the matter
 no causing no great trouble
 and therefore no end of
 could trouble money - *and*

Dearest

Mich 124 #
Sparks Parker & Co
May/atom Pa

Draw on me one day
Eighty for one hundred
ninety seven dollars thirty
three cents amount of
your account.
22/10/12

Thos. A. Briggs

Wells 17

Absent day
 The Union has
 been 6 months

Constitution

Now you may see
 of the people to mail
 in check today

Now reply

Wm. A. Cairney

Wells 17

Absent day
 The Union has
 been 6 months

Constitution

Now you may see
 of the people to mail
 in check today

Wm. A. Cairney

Dec 1874

McDonally Lane

Elgin the City

The River was

above you about two hundred
nifty dollars per cent
to the amount you account.

I have you mail me today
about two thousand
pounds. Please reply

John W. Keim

Dec 1874

McDonally Lane

Elgin the City

Prison

The fine physical & spirit-

the men at all Court and

standing to pay money

everybody, nearly all

about detention here most

elementary. This is the

John W. Keim

S. R. Smith

3/2

of E. E. M. Co.

Chicago, Ill.

Please send letter to bank & tell

to you and nothing to send you

that amount of money is required

to let me know of any change.

The most checking to let you know

also.

Yours truly, D. D. Smith

Oct 13/24

Westlow, Chicago, Ill.

51 W. 13th Street

Chicago, Ill.

New Committee

will act, first

live dollars

Edison and Co.

347 1/2

Estimated Profits
Edison Electric Central Station at
Dorington

500 Lamps 3⁰⁰ per 2000 Candles

| Yearly
Receipts | Yearly
Expenses | Net Profit | Per Cap.
Per Annum |
|--------------------|--------------------|------------|-----------------------|
| 9000. | 3990 | 5010 | 11 ⁰⁰ |
| 8760 | 3747 | 5013 | 11 ⁰⁰ |

This estimate is based on a Capitalization
of \$42000.-
of Coal 4.00 per Ton.

3/13/84

34212

Oct 17/4

Edw. J. Hearn
Esq. Elm St. Bk. Bldg. you
Lawrence Street

Dear Sir - We beg to acknowledge
with much thanks receipt of
your M. C. for \$1000. under
date 12th inst.

Kindly accept our apology
for having overlooked your payment
of \$4000. when writing you on the
11th and in telegraphing you yesterday.
The writer was not in the City when
the above payment was made
and was therefore unable to correct
one of our accountants who submitted
your balance on Feb 1st as the
amount due at the present

W.D. Richards
Middletown
March 13th 45

we have reports from
Hoffin under the
last 10th stating some
direwing serious damage
to our work there.

352
351
Steve Gould

Dear Mr. &
 Mrs. Rich
 Still at home
 Our plant at Mr.
 Kount is doing
 well from damage
 done by the most
 violent storm all
 excepted part being
 injured somewhat
 by water in the

Quesada - 9/20/2007

will not do we
will order another
one - Answer
quickly please
Yours a loving
J

3/14 "
Amie's
Dear
at Charles Street
D. D. Smith

Amie's
Dear
at Charles Street
D. D. Smith

11th May

A. A. Carter 1899

Dear Sir,

I have been occupied
today in not getting some
many simultaneous physical
facts in connection with
consequences of the fact
to only find inconsistencies
to make the note for 1958?
due to now. It is just
myself as find when the
publication of the note
stand over the 1958 note.

Yours truly,

David L. Carter

3/14

Chernia C.

19

O'Leary

The

little for you'll

and the weight of

in your present

fact it may differ

I had expected

with a

was

RCA

W. H. C. O'Leary

3/14

W. H. C.

Middleton O.

have on telegram this morning

had further complaints about

I wish too much to put on

Myrtle and Effie - Station, have

had him to this mindfully

along in good luck to us, have

subject Middleton and Ogden, report

by wire fully what you to

Feb 14/ 4

W. L. Garrison Esq
Federal St
Boston Mass

Dear Sir

Allow us to introduce
to you Mr. Paul S. Dyer, one of
our Conveyers, who goes to
Boston for the purpose of
compiling statistics for our use
in preparing Estimates &c for a
plant in that City -

Any information you may be
kind enough to give Mr Dyer, or
any assistance you can render
him will be very highly appreciated
by

Yours faithfully
J. W. L. Garrison
By W. L. Garrison

3/15

4

Anconia Brass & Copper Co.
19 Clifft
City

Gentlemen

We enclose herewith
our order #1058 for wire, which we trust
you will instruct your factory to push
with all possible despatch as this is a change
in our fenders at Middletown and it is of the
greatest importance that the change be made
quickly. We should be pleased to hear from you at
the earliest possible moment as to the date of
shipment. Very Resp.

T. H. Egerton

Contract Dept.

Wm. H. Sull

Orange S. J.
1000.

4-3-
3-3-
3-3-

pollster mean
+ 200000

4-3-

25-25-

10-10-

15-15-

75-75-

1-1-

15-15-

25-25-

334 200

54 41

1-1-

50 50

25 25-

27 27-

6 6-

213-196

44-500-

Estimate Profits of Central Station at
Orange S. J.

1000 lamps at 12.00 per 2000 c.p.

| Yearly
Burdening
Hours | Yearly
Receipts | Yearly
Expenses | Profit after
Burdening
Royalty | Per cent
for
Dividend |
|------------------------------|--------------------|--------------------|--------------------------------------|-----------------------------|
| 4 | 15000.- | 6465.- | 8535.- | |
| 3 | 11250.- | 5884.- | 5366.- | |

Capitalized at 10%
Cost at 15.00 per lamp.

3/15/24 - C. J. S.

Orange N.J.
1600 1000 1000
4
x electric sound 3-3-
x Freeman 3-3-

640 490
25 25
10 10
15 15
75 75
1-1-
15 15
25 25
50 4-
54 41
1-1-
80 80
25 25
275 275
98 98
260284
100-700-

Estimated Profits Central Station Orange N.J.

1600 Lamps at 2.50 per 3600 op

| Arg. | Yearly
Receipts | Yearly
Expenses | Profits
after
Royalty | Per Cent
Dividend |
|------|--------------------|--------------------|-----------------------------|----------------------|
| 4 | 24000 | 8040 | 15960 | |
| 3 | 18000 | 7152 | 10848 | |

Coal 15.- Ton
3/15/24

Oct 4 1865

13th March

My Dear Upton

The estimate
sent Mr. Harewood
amounts to \$2151.65.

In it we allow
for a 92 ft. x 8 ft.

Boiler, a Heater
& a Blowdown Stand
cost about \$700

more than above
amount to put in
a 102 ft. double furnace

Boiler.

of the 92 ft. x 8 ft.
Boiler above refer-
to. It was so done
it will save a great
deal.

You will see
that the estimate
above \$2151.65 is
much less than
the rough figure

was given in

Oct 1874

Messrs Bergmann & Co }
 292, Chancery }
 City

Dear Sirs:

We desire to start the
 Newburgh Station this week -
 Everything necessary to its complete
 equipment is on hand with the
 exception of twelve straight Andrews
 connections (half inch holes) eight pressure
 indicators and two "H" dynamo regulators
 and such as soon as these are received
 we can commence supplying light.

Will you please hurry them
 up. We are for various reasons
 particularly anxious to start
 this station at the earliest possible
moment.

Can answer by bearing us to
 the date you will forward the above
 will oblige

Yours truly
 Samuel Brown Constable
 By Saml. Small

Oct 18/87

James Harris Esq Secy
Edison Co
Belleville Pa

Dear Sir: We beg to inform you
that we have ordered another engine for
use in connection with the Belleville
installation. It is 11 x 14 and consequently
more powerful than the 9 x 12 in
use at the present time, and will
be placed in service at the earliest
possible date.

Yours truly
Thomas Edison
By Samuel Insull

Feb 1897

James Harris Esq Secy }
Edison Elec Mfg Co }
Bellevue to Para }

Dear Sir:

We have received your letter of 14 inst in reference to claims against us for material labor in connection with the Bellevue Central Station.

Our records support the fact that there are six parties in Bellevue to whom we are at present indebted - three of these we have authority to draw upon as in settlement of their claims and the others are as follows:-

| | |
|---------------------|----------|
| A. E. Lebe | \$682.09 |
| P. D. Crider & Sons | 993.70 |
| James Harris & Co | 235.25 |

Have you any objection to our giving the above parties orders upon your company for the amounts due them, the same to be accounted for at our final settlement?

Yours truly

Thomas A. Edison

By Samuel E. Sells

Alb 18/26

H. P. Duncan Esq
Belleville Pa

Dear Sir: The finders records
that we are indebted to you to the extent
of \$129.75 for machine work performed
in connection with Belleville Electric Light
Station. We shall be glad to have
you draw upon us at three days
sight for the above amount
in Settlement of your Claim

Yours truly

Thomas Edison

By Sam. Insull
Attorney

Mch 18, 4

Jerre Stewart Esq
Belleville, Mo

Dear Sir: The paid by order records
that we are indebted to you
to the extent of \$ 134.²³ for
mason work performed by you in
connection with Belleville Electric
Light Station.

We shall be glad to have
you draw on us at ~~the~~ ^{three} days sight
for the above amount

Yours truly
Thomas A Edison
By Sam E. Insull
attorney

Oct 18/ 4

Messrs J. & A. Miller
 Bellefonte Pa

Dear Sirs: We find by our records
 that we are indebted to you to the
 extent of \$287 ³⁷/₄ for roofing &
 supplied by you in connection with Bellefonte
 Electric Light & Station.

We shall be glad to have
 you draw upon us at three days
 sight for the above amount in
 settlement of your claim.

Yours truly
 Thomas A. Edison
 By J. S. Sanders
 Attorney

Feb 18/4

Frank L. Harris Esq. Treas
Edison Elec. Mfg Co
Lunenburg Va

Dear Sir: We have your letter of 17th inst.
and hadoping an order for meter supplies
which latter has been transferred to Messrs
Bengueron & Co, 292 So. 3rd St, New York
from whom all such material should
be ordered. Kindly write the above
firm and confirm the transfer.

We understand your meters ~~plato~~
are not registering properly. Can you
give us any explanation of this trouble
or submit to us further details.

The other matters referred to in your
communication are having our attention
Very truly yours

Wm. A. Green Controller
By David L. Sullivan

Enc.

Oct 18/94

W. A. Graves Esq
Albany
N. Y.

Dear Sir: Referring to the attached sketch which shows the position of a lot submitted to me for use for Central Station purposes in Albany, will you kindly give me the information asked for thereon - etc.

We are aware that the lot is 60' x 70' but inasmuch as it is not in the form of a parallelogram it is necessary for us to know the angles at corners indicated.

Yours respectfully

J. P. S. Dixon

Dec 18/97

Henry A. Clarke Esq {
 Baltimore
 Md

Dear Sir: We regret we beg to hand you plan showing the general arrangement of our proposed Central Station at Fairview, Md and which we were unable to supply when forwarding you the estimate and contract.

You will observe that this building is designed for a capacity of 4800 lights. We have marked in red the additions which would be necessary for such a plant, which are of course not supplied with as included in our estimate sent you for a 3200 light installation, but which we deemed it desirable to indicate on the plan. We have calculated to supply steam piping &c in connection with the 3200 light plant which would require no alteration whatever in the event of a subsequent increase of station capacity to 4800 lights.

Yours truly

Thomas A. Edison

Oct 19 387
#

Sketching Egg Tray
Chim. Co. for Isolated Lick
Licks

Dear Sir:

In further reference to Blatter
Nebraska we beg to say that it
would cost about \$265⁰⁰ to
furnish you with estimate.

Yours truly,

Wm. H. Hensley

Thos. Spencer Esq }
 Hazleton Pa }

March 19th

Dear Sir: We are informed that one
 of our poles was set in Hazleton
 directly over some person's water
 pipe thereby cutting off their supply
 of water. Will you please have the
 connection made around the pole and
 send us a bill for cost of the work.

We also hear that several poles
 obstruct the sidewalks. Please let us
 know how many there are and the
 probable cost of removing them and
 placing them nearer the road.

Yours respectfully
 Thomas A. Allison, Cashier
 By Saml. Smith

Mch 19th 4

W. H. Dwyer Esq. Pres
Edison Elec. Co.
Fall River Mass

Dear Sir:

In reply to your letter of the 17th inst. we beg to say that our letter of the 14th quoted a balance under the amount due us. We annex a statement and bill for \$8.12 for coal used in your station after our thirty days run was completed but which was included in the bill. We will render us.

The within statement shows a balance due us of \$2134.²⁴/₁₀₀

and you we wish you would very kindly remit the amount due

as just at the present time we
require to use the money.

From our balance should
be deducted \$690.⁰⁰/₁₀₀ for paper
Equalizers not yet supplied and
which will be billed when
sent you. We shall be happy
to receive your check for
\$1444.²⁴/₁₀₀ by return mail.

Yours Very Truly

Thomas A. Edison

By Sam. C. Russell

2/21

4

W. L. Garrison Esq. Treas
 Breckton E. & M. Co

Breckton
 Mass.

Dear Sir,

Referring to your
 favor of 12th ult. as to extra allowances not
 considered in our former of 8th ult.

Having received the copper still together with
 the temporary fixtures we will make allowance
 as per bill herewith. we also the fixtures returned
 the contents of the box which you desired to
 return have not as yet come to hand. we cannot
 therefore make any allowance for these until they
 are received.

Wm. W. We are in the same position regarding
 this as yourselves we have no net for sale
 but as we are desirous of arranging matters
 satisfactory to you will state to Black at an
 allowance of 10% - if this will meet with your
 approval you may forward to us.

Receipts. - In reference to our recognition of your claim for those books, let it state that we will ^{make} allowance of 100 - 100¢ books and forward to you immediately as hear from you as to your satisfaction as to the allowances here made.

Johnson rebuilding. - Without further comment we will make the allowance of one-half this amount as rendered in your statement.

Dynamos switches. - We are informed by Mr. Sprague that the switches were delivered but in a different form than that used on the spare dynamos. - being of the nature of plugs.

Ledger and Forms. - As your explanation regarding these items is satisfactory we will make the extra allowance of \$11.⁰⁰

We enclose herewith Statement complete for articles returned showing balance in our favor which we trust you will promptly compare and remit collect in settlement. Any articles not returned at the present time and for which credit has not been

allowed will be duly remitted for upon receipt
should you make settlement of account prior
to their receipt

Awaiting an early reply and
prompt remittance for the balance

are

Yours Very Respy

J. A. Edison

Capistrano Dept.
By Saml Insull

Balance due-

\$2162.14

1891
Oct. 20
100.00
78.07
21.93
1892-14
14.14

Statement March 21st
 Union Electric Illuminating Co.
 Brooklyn, Mass.

399

Wash 1 To Bills Rendered

2844 10

Dr.

By allowances. July 5.

1491.

Less Luminous Tools not at 9.72

45128

- Copper still

1120

- 200 Temporary fixtures without slates not

10000

- 1/2 Johnsons Expenses. allowed.

7509

- Expenses on Ledger & Forms

1100

- Balance

306214

To Balance

284411 284411

216214

Mch 21/ 4

John J. Sillley Esq
Engineer
Demerara
British Guiana

Dear Sir: The Secretary of the British
Electric Light Company of London
England has referred to no correspondence which took place
between yourself and them in regard
to an estimate for an electric light
apparatus to be used for the
illumination of a sugar house
and to consist of 100 incandescent
lamps of from 16 to 20 Candle
power. Enclosed we beg to hand
you an estimate for the supply
of all material requisite for the
installation and operation

of an Edison Electric Light Plant of
one hundred lamps of 100 lb

Capacity. We observe, in one of your
letters to the Republic Company, that you
state you would prefer to use a
Westinghouse engine.

For the successful operation of an
electric light plant it is necessary
that the motive power should be
very reliable and maintain a
uniform speed during the run
otherwise undesirable variations
in the light will be observable.
The Westinghouse engine we do not
consider at all fitted for our
work, this decision having been
reached from the result of
practical test, and in our

estimate enclosed we propose the adoption of an Armington ^{or} Shino Engine. of this kind we have one hundred and ninety in operation and we recommend them above all others. The testinghouse takes from 45 to 50 lbs of water per horsepower while the ATS only requires 30 lbs per HP.

In regard to lamps we get $7\frac{1}{2}$ to the horsepower. The $8\frac{1}{2} \times 10$ ATS Engine has a nominal rating of 35 horsepower - we have taken fifty out of it with 125 lbs pressure but would not advocate such heavy work as a general thing. Taking the

4

nominal rating you will see there is plenty of margin.

The life of a 16 Candle Power lamp, if run at 16 Candles, is about 600 hours - if run at 20 candles they would have a life of about 400 hours and running them at 14 Candles they will last 1000 hours.

We ^{would} propose sending you a supply of nickel plated metal corrugated reflectors. By using these you will be enabled to utilize every ray of light and we think you will find it unnecessary to run the lamps over 14 Candle Power as many candles of light


are gained by the perfect concentration possible with an electric lamp, in comparison with gas or other artificial light.

It is wholly unnecessary to order a larger supply of lamps than to start with than those specified in our estimate as they can always be readily obtained by addressing a letter to us.

In installations of larger capacity than the one you require it is customary and considered advisable to supply one spare dynamo machine so as to provide against the possibility of an

accident to the machines in use. Under 1600 lights however spare machines are not used but we provide an extra armature for the same purpose. We include in our bid about 5500 feet of wire which we presume will be a sufficient quantity to distribute the lamps over the area you desire lighted.

In one of your letters you state you require but plain fixtures. We send prints of those we have selected. The shades before mentioned are shaped more after this

style  than as represented on the cuts, and will more effectually concentrate the light. The above is a combined shade and holder -

We also send you a catalogue of the Edison Company, for Isolated Lighting, who do business in the United States, and which contains cuts of pictures of a more elaborate style than those we propose sending you and some of which you may desire to select for house lighting.

The prices we quote are cash against bills of lading delivered Free on board New York.

In conclusion permits us to
express our regret at the
delay which has taken place
in forwarding this information.

The correspondence from the
English Company was delayed
in transit otherwise you would
have been in receipt of a more
prompt communication from us.

Awaiting your reply we
beg to remain

Very truly yours,

Thos. J. Harrison

By Paul Insull atty

Oct 21/4

W. S. Andrews Esq
Newburgh
N.Y.

Dear Sir: Immediately the
Newburgh Station starts
there is a payment due us
of \$11,500⁰⁰/₁₀₀.

Will you please
use your best Endeavors to
get this far as - To tell
you it is urgently required
would be superfluous.
When do you propose
starting the station?

Yours Truly

If you are in full
part - cannot get all for

Feb 24/ 4 417

Messrs Bergmann & Co
272 Ave B
City

Dear Sirs:

In regard to standardizing
anemometer meters will you kindly have
a little more care used in marking
the scale. On some instruments you
have recently supplied us the
workmanship was very rough - so
much so indeed that one of the anemometer
meters at Chesham will have to be
supplied by us with a new
plate of graduation whereas a little more
care in the first instance would
have developed a neat job and
rendered our intervention unnecessary.

Yours truly

Wm J. Edgson & Co
J. J. Edgson & Co

Mich 20/11

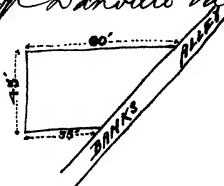
W. Burton Stix Esq
 W. Capt. A. Pizzini
 Richmond Va

Dear Sir: Danville Lot

Re the above. This lot is situated on Banks Alley and as far as is the one best suited for use for Cattle Station purposes.

In preparing our estimate we desire to know whether it is possible to obtain access to the lot from any point except Banks Alley; also will you kindly ascertain for us the price of lot in relation to said alley. Following is a sketch and description of real estate in question as submitted to us on our

Chart of Danville Va.:-



We would ask you to very
kindly hurry this information
as much as possible as matters
in connection with the Danville
Estimates must remain in abeyance
until it is received -

Very truly Yours

Thomas Edison Construction Dept
By Samuel H. Mearns

laid two inches in space, four-
 dears five feet deep eight feet
 square.
 Exp of chimney four feet eight
 inches square. If you have
 do this for central space will
 suit diagonals at once.
 Unusual quiet. W.D. Rich

3/26 *

Money Clerk. This

sheet must be six feet two
 inches at base outside, with
 distance mid with built plank
 to top of building, then twenty
 three feet tall and well shored
 the twenty three feet eight inch
 well with ornamented cap.
 Independent circular flow
 thirty inches diameter four and

W. Dick Egan
Assistant O.

Dear Sir,

Coming to the
change in location of Central station
it will necessitate a change in
figures as follows.

Freder starting at Central
station and joining machine at point
marked 2 is 1000 chain.

Freder starting at Central
station and joining machine at point
marked 1 is 2000 chain.

We are advised this
day of the shipment of said Freder
was 7.

The only wire now at Ogden
which can be used in the mine
blacks is 200 chain. Perhaps there
is there at present 3000 chain.

Very Truly,
J. A. Edson

J. A. Edson

3/25
Ottumwa, Ill.
J. A. Edson

Chart and building plan
marked last night

J. A. Edson

Feb 29 94

To the Proprietor
Winnetka Hotel
City

Dear Sir:
The General M^{rs} Ginnarson
desires to obtain for me some
information in regard to the
number of lights employed in
your establishment.

I shall appreciate very
highly any privileges you
may extend to him -
Yours truly

Thomas A. Edison

421
Mch 25/4

Mr J S Gimshaw
New Washington
Factor Bays

Dear Sir:

We notice you do not
appropriate your expenses properly
in accordance with the ^{order} provided
for that purpose on
the back of reference sheet.

Expenses incurred during
the contract of any tour are
chargeable to such item.
Salary and Allowance are
chargeable to such item in
proportional to the
time consumed in completing
the various Railway Tour

Expenses incurred on travel
together with salary and
allowance during period of
travel are chargeable to the
town you are representing.

In every case the full amount
of each expense shall must
be charged out on the back
of the form.

Yours truly

Thomas H. Brown, Secretary

E. Mark Merrill Jr.

Book 36/1

W.D. Rich

Book House

Bellefonte

Newburg Express

not arrived there

yet - station

at 8.00 in station

Monday -

Sam'l Knapp

Book 37

Two, Spencer

at station the 11th

May leton

have made out the

all thirty eight and

half past long -

that is trouble

Samuel Knapp

10/1

4

10/1

March 7th 4
 A. Stuart, Secy
 of the Union Pacific
 Co. & Co. of
 Cincinnati
 will block estimate
 tomorrow
 for a Edition

March 28th 4
 Geo. W. Wilbur
 Manager of the
 Kansas City
 Press
 Samuel Sholly

Thrupp #
Geo. H. Davis

Geo. H. Davis

51 and 53 Theobald Ave

Lucas M

Went upon Ducktown

~~Estimate~~ - having the full amount.

not forwarded by the

Heart right.

Thomas R. Spring

Mch 29/4

Alfred Bergmann & Co }
 292 Ave B }
 City }

Dear Sirs: Please hurry forward
 the "B" Ampere meter, Fuses
 Regulators & pole line safety
 catches for Middletown.

Our men are waiting for
 the above to complete the
 system and start the
 station -
 yours truly

Thomas Edison Construction Co
 By Samuel Merrill

Statement Profits
Edison Electric Light Central Stations.

3200 Lamps - 10 cp. each -
2.50 per 2000 Candles

| Qtrs | Quarterly | Yearly | Net | Pct Cap | REMARKS |
|--------------------------------------|-----------|----------|----------|--------------------|---|
| Days | Receipts | Expenses | Profit | PA Dividend | |
| 4 | 48000 | 13983.- | 34,017.- | 42 $\frac{5}{100}$ | This estimate is based on an assumption of cost of installation of \$5,570. ⁰⁰ Capitalization of \$8000.- Coal at \$3.50 per Ton |
| 3 1/2 | 42000 | 13257.- | 28,743.- | 35 $\frac{5}{100}$ | |
| 3 | 36000 | 12528.- | 23,472.- | 29 $\frac{5}{100}$ | |
| at 2. ⁰⁰ per 2000 Candles | | | | | |
| 4 | 38400 | 13983.- | 24,417.- | 30 $\frac{5}{100}$ | 24/1/84 |
| 3 1/2 | 33600 | 13257.- | 20,343.- | 25 $\frac{5}{100}$ | |
| 3 | 28800 | 12528.- | 16,272.- | 20 $\frac{5}{100}$ | |

4/1/21

3200.

1000.

[illegible]

Having Amsteded by
 your message of
 W. 28th Is

Dear Sir, I have

will do for you at
 the same time as
 I have as is every
 week that our

your service

Yours service

Yours service

Yours service

As you would a friend
 whose if so will send
 our work success

Yours

Yours service

466
Apr 21/77

Henry A. Clarke Esq
 Erie Penna

Dear Sir

As requested we send Your
Exp Compts Mail, under separate
Cover, a full set of papers in
relation to Harrisburg Penna:
Comprising Estimate, Building
Specification, Street Installation
Specification, Plan of General
arrangement of proposed Station,
and chart of district.

Trusting they will reach
You safely we beg to remain
Respectfully
Yours Truly
Thos. A. Brown Const. Supt
B. & O. R.R.

April 4th 44

Col. J. J. Baugh.
Watermill
Maine

Dear Sir

We send under
separate cover estimates, maps and
pole line specifications for Watermill
which trust will come safely
to hand and prove entirely
satisfactory

Very Respectfully
J. A. Edison
Cous. and Depo

W. S. Keith Esq.
Room 16, 237 Broadway
City

My Dear Mr. Keith:

I find that I will
be unable to be here tomorrow
afternoon and must therefore
suspend my engagement with you
until the Sunday following.

Regretting this unavoidable post-
ponement I am
Yours very truly

W. A. Edson

April 7 #
 Thomas A. Green
 Men's Park

W. L. G.
 You've gone out this
 morning. Don't fail
 to be at tonight's
 Committee meeting

Samuel Green

4
C. E. Churchill, Esq.
Appt. E. E. McK. App.
205 Canal St.

City New York

As the articles we delivered to the Court Station and we should be pleased to hear from you as to whether you wish to retain this permanent letter or if the latter we shall be pleased to have you return it within the next few days but if the former we decide to make the change now made.

Waiting as early
reply as we can
Yours Very Truly
T. J. P.

4
Mr. M. Quincy Esq.
Care. E. E. McK. App.
Fall River

Mass.
Dear Sir

As the articles we forwarded you as ordered for the understanding your parents' indication of the subject to please to hear from you as to whether you wish to retain it after studying among these instruments an early reply will oblige

Yours Very Truly
T. J. P. Esq.
Care. E. E. McK. App.

April 8th 4

Elie Luke Esq
 265 Washington St
 City

Dear Sir:

Referring to the Chart of
 Yperlantie which we send you
 herewith, and to the annexed
 determination of the Cost of the
 said metallation in accordance with
 said chart, will you kindly check
 these figures and if they are correct
 certify to them returning all papers
 to us to-morrow sure -

Yours truly

Saml. Smith

A. G. King

Enclosed we beg to send you
our estimate \$2406. for the metalation of
a Crown Elec Light Central Station Plant
of Portland Me. of 3200 lamps capacity
and amounting to \$93001.²⁵ x

You will observe that by metalating
a 3200 light plant in the first
place a saving of \$6958⁶⁰/₁₀₀ will be
effected over the arrangement of a
1600 light metalation to start with
and a subsequent increase to 3200
lights. The plan of building.

The specification of street installation
will be sent you tomorrow
together with building Specification.

In relation to the copy of
our revised contract, as you are
aware we only revised the overhead
document - We have - through lack
of time - been unable to re-write
the contract for underground installations
but have the matter now in hand
and the first available copy
shall be yours.

Believe us we regret exceedingly
our inability to dispatch these
papers to you yesterday as

promised. We trust we have
caused you no inconvenience
and that your expectations in
regard to the probable amount
of the estimate will be
realized upon its reception
as we have taken particular
pains to produce as low a bid
as is compatible with the
amount of work we should
have to perform.

We beg to remain

Very truly Yrs

Thomas Edison Consulting Eng.

By Saml. Beall J.

April 8 18

J. C. Walker Esq }
 Newburgh }
 N.Y. }

Dear Sir:

Is it your habit, when introducing services, to thoroughly test your wires before connecting them to the mains?

We have heard that many of your services were grounded. You should in every case be particularly careful to ascertain that there is no leakage across the conductors nor to gas pipe through the ground -

Yours truly

Thomas A. Edison Esq

By J. J. Sullivan

Thomas A. Edison Construction Department Letterbook, LM-019

This letterbook covers the period April-June 1884. Many of the letters are by Edison. There is also correspondence by Samuel Insull. Most of Edison's letters are in the hand of Alfred O. Tate, acting as Edison's secretary. Included is correspondence relating to the purchase of supplies and equipment and to the payment of overdue bills. There are also cost and profit estimates for central stations in New Brunswick, New Jersey; Niagara Falls and Roundout, New York and Buenos Aires, Argentina. In addition, there are some letters concerning Edison's health. Among the recipients are William S. Andrews, Armington & Sims, Spencer Borden, Thomas P. Conant, and Henry A. Rowland. The front cover is marked "Construction Dept No 6," and is stamped "T. A. Edison. Construction Dept., 65 Fifth Ave, New York." The spine is labeled "1884" and is stamped "Letters C D 6." The book contains 500 numbered pages and an index. Approximately 40 percent of the book has been filmed.

7

24

82

55

63

76

71

94

99

112

132

158

27

216

261

834

855

868

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Arthur & Bonnell 7. 18. 19.
 Andrews. W. S. 7. 8. 16. 31. 43. 45. 53. 59. 65. 71. 91. 94. 97. 98. 100. 107. 109. 122. 242
 Adams M. F. 17
 Armington & Lins 45. 87. 92. 141. 245. 325. 326. 374. 382. 388. 386. 344. 354. 394. 44. 452
 Ansonia Bull & Coffin 65. 52. 79. 91. 132. 156. 166. 195. 229. 250. 276. 297. 303.
 Aschcroft C. 62.
 Applegate S. 267
 Andrews W. S. 824. 825. 333. 350. 351. 376. 377. 378. 394. 412. 413. 419. 441. 482.
 Arney, Paul, Jr. 395.
 A. M. H. A. 398.
 Armington Lins 484. 492. 494.

A
 B
 C
 D
 E
 F
 G
 H
 I
 K
 L
 M
 N
 O
 P
 Q
 R
 S
 T
 U
 V
 W
 X
 Y
 Z

Borden S

1,35,112

Bergmann & Co

4,5,14,32,58,67,84,116,132,166,169,193,244,249,253,276,296,344,

Bever A. 56, 103, 175,

Briman David & Co

Bentley H.

117,165,248

Brown W. C.

120,

Braman D. & Co

106,143

Belknap W. A.

181, 279, 359, 422,

Bliss H. H.

208, 301,

Bunclift G.

262

Bunn J.

291,

Bergmann & Co

345, 348, 358, 382, 384, 385, 409, 467, 485, 500,

Burns, H. H.

375,

Buck, H. H.

392, 440,

Bickman, H.

453, 482, 486,

Batchelor, S. H.

473

Bungarua Ngia

481

| | |
|----------------------------|--|
| Cooke C. H. 3. | |
| Cowland C. 40 | 73. |
| Conant, B. 14, 81, 87. | 104, 130, 206 269, 280, 354, 387, 443, 444, 483. |
| Clark H. 64, 257. | 490, 491. |
| Converse L. 26 L. | 99. |
| Chinnoch C. E. | 419, 215. |
| Chalmer Spencer | 184, 169 |
| Chambers | 172 |
| City Eng. of Cynthia's Key | 266. |
| Chas. H. 100 | 412. |
| Cow, R. D. | 486. |

C
D
E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Davis, B. 10.

Doubleday H. M. 29, 54, 56, 67, 73, 108, 139, 225, 229, 240

Dwelly Jr. H. 46, 173, 232-306, 401, 402, 477.

Dutton & M. L. 68.

Dutschka, C. General 77

Dyer P. D. 82, 352, 353, 386.

Dull A. J. 265.

Dwight W. 330-427.

Dannatt, Nell 344.

Dickinson W. H. L. 347.

Dyer, B. A. 361.

Phon, Wesley 413.

E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

| | | |
|---|-------------|--------|
| Estimate Niagara N. Y. | Estimate | 11. |
| Edison, Elec, Ill. Middletown | O. | 1420 |
| " " " " " " " " | Piqua | 22,110 |
| " " " " " " " " | Falls River | 207. |
| Estimate cost of 4 New Brunswick St. J. | | 392. |
| " " " " " " " " | Profits | 393. |
| Engle, Kenace & Co | | 395. |
| Edison, Franklin Co. | | 412. |

| | | |
|-----------------------|--------------|-------|
| Estimate for Roundout | St. R.R. | 140. |
| " " " " " " " " | Buenos Ayres | 88.90 |

| | |
|------------------------------|--------------------|
| Edison Mch. Works | 164,823. |
| Edison T. A. St. | |
| Electric Tube Co | 104, 24, 325, 372. |
| Edison Spanish Col. Light Co | 300. |
| Baton J. B. | 317,398. |
| Edison Lamp Co | 318. |

| | |
|------------------------------------|-----------|
| First Nat. Bank | 37. |
| Fremont & Co. Electrical Supply Co | 147. |
| Friedman & Co | Sol. 149. |
| Fleck H. | 216, 494. |
| Frazier Mr. | 271. |
| Fitzpatrick W. | 207, 322. |
| Floyd H. | 420, 449. |
| Fletcher W ^{rs} . | |

Germania Bank Cashier. 29, 93.
George Place Mch Co 41, 152-228.
Goldard Col. C. 37.
Harrison W. L. 186, 360, 399.
Green H. 259
Greenfield C. & Z. 22

G
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

Heim Leather Belting Co 6, 42, 53, 137, 315, 378.

Hastings F. S. 34, 175, 191, 256, 426, 433.

Miller J. 39.

Hughes G. J. 41, 114, 146,

Hix. W. P. 64, 408.

Hayward Perry & Ryner 113, 293,

Hutchinson 121, 148, 157.

Hubbard W. B. 197, 255, 349, 364, 405.

Harris J. 211, 244, 257, 342, 353, 468, 470, 486.

Humbred J. 492, 497.

Hoffman & Co (Allen Ed. Co) 495.

Innell Saml

371

Jenks W. J. 1863. vs.

I
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

King A. 66.
Kays S. H.
Kellog J. M.
Kissel A.
Kirby J.
Krenar

125
188.
224.
289.
226.

Lyon B.P. 2. 28, 30, 72. 74, 131, 244.

Lord E. H. 6. 47, 157, 196, 218. 367, 406.

Leonard H. W. 12. 78, 95, 134, 230, 231, 313 339, 403.

Linn H. 63

Lynman, Jas

357, 369, 370, 379, 386, 423.

L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

Maria Tasker & Co.

Monroe A. W.

Marr J. S.

McLennan H. L.

McLennan, John

124.

246

331.

397.

493

Ott J. 15, 23, 60, 72 94, 101, 248, 256, 302, 407, 466, 479.

Otto Bros. 67.

O'Brien J.

Ohio Edison Elec. Install. Co. 216, 282.

376, 414, 415, 478, 496.

Reckheim Mr 49.

Perry J. 57. 78. 80.

Perry W. S. 79. 59%

Pratt N. W. 122.

Painier A. O. 192. X 233.

Pioneer Iron Works 275.

President, Illus Edison Inc. 396

83 205, 278, 246, 319, 326, 330, 356, 410, 417, 434, 438, 448, 449, 457.

P
Q
R
S
T
U
V
W
Y
Z

Rich W. D. 8, 10, 49, 72. Page 175. In Com. B. B. 96, 119, 190, 207, 224, 241, 243, 246, 261.

Mc. 377, 387, 378, 394, 412, 421

Robinson & Hitchcock 38.

Rowland H. 102, 107, 110.

Rocaf B. C. 299.

Roach J. 832

Righter, T. H. H. T. 401.

Rogers, Robert 443.

Ritchie, J. R. 478.

R
S
T
U
V
W
Y
Z

| | |
|----------------------|---|
| Stuart, A. | 2, 47, 52, 60, 61. in advice Book by mistake Page 297. 96, 126, 130, 131, 133, |
| Sturtevant, B. | 7, 7, 13, 15, 85 234, |
| Spencer L. | 11, 142, 164, 411 |
| Stuart A. | 132, 137, 185, 194, 202, 208, 247, 258, 273, 452, 244, 249, 355, 362, 383, 422, 432, 466, |
| Stickney E. | 154, |
| Stewart W. R. | 136, 144, 171, 200, 408, |
| Stokes & Parish | 170 |
| Schwartz W. D. | 177, 232-247, 257, 324, |
| Sharpstein L. | 292 |
| Sims H. B. | 343, 366, 376, 412 |
| Saint Etienne Edison | 482, |
| Stuart, A. | 462, 472, 492, |
| Shawman, J. A. | 476 |

Tillery. J.
To whom it may concern

307

382.

T
U
V
W
Y
Z

Union Bolt Works. 4. 48. 80.
Upham J. C. 103,
Upton W. R. 272, 277.

Valentine, Geo.

418.

A

V
W
Y
Z

Williams G. 33,

J. Walker. 76, 372.

Ward S 233.

Wilson A. C. M.

Wilber G. W. 287,

Wood, b. d. i. b. 2

Williams, Lenthin R

Wood, H. K. Key Biqua Co

Wright, G. C.

368.

374.

381.

475.

Yost N 36, 200.
Youngman and Hendersonville 225

J.

Zachary J

104.

THOS. A. EDISON,
Central Station Construction Company,
65 Fifth Ave., N.Y.

New York

1888

To: Spencer Borden Esq
Fall River Mass

DEAR SIR:

I send you by ~~the mail~~ *Springfield Mass* Blue Print of the portion of the town within which it is desirable that our Electric Light Central Station should be located. I shall be glad if you will obtain for me information on the following points concerning any lots for sale within the area marked:

- Exact size of each lot,
- Price of each lot,
- Nature of soil,
- Whether each lot is level,
- Elevation of each above water line,

If there is a building on any of the lots, and whether used or idle; and for what purpose it has been used.

Full dimensions of buildings including height of same, distance of walls, size of rooms, whether more than one floor.

Whether building in good repair.

When sending me this information, please return Blue Print with the position of each lot clearly marked on it.

It is not at all necessary that the lot for our Central Station should be located on a prominent street, where property is in great demand, and consequently very expensive. We desire a lot as near the centre of lighting as possible, and such a lot can usually be obtained in a back street or alley, where property, as a rule, is comparatively cheap.

Please reply as promptly as possible, as it is impossible for me to proceed with the estimate until I receive the above referred to information.

Yours truly,

Thos A Edison

4/13 4

Safety catches Middleton Phil

| clans | no catches | experts |
|-------------------------|------------|---------|
| Fedr. 1/- for Fedr. 1/- | 3 | 140 |
| 1-A | 3 | 35 |
| 1-D | 3 | 15 |
| 1-2 | 3 | 90 |
| | | 10 |
| at B. B-C | 3 | 300 |
| Fedr. 2/- for Fedr. 2/- | 3 | 50 |
| 2-1 | 3 | 95 |
| 2-E | 3 | 55 |
| 2-J | 3 | 105 |
| 2-F | 3 | |
| | | 50 |
| at F F-G | 3 | 40 |
| F-H | 3 | 32 |
| at J 2-J | 3 | |
| | | — |
| Prizes this | 6 | |

869 Lights

D
1184 Lamps.

Safety catches Regina Ohio 4/13 4
 claims No catches. Ampers. Leg's manifestations

| | | | |
|------------------------|---|-----|-------------|
| Fred. 1 alt. Fred. 1/. | 3 | 175 | 37,000 per |
| 1-F | 3 | 75 | 105,000 per |
| 1-J | 3 | 50 | #5 |
| 1-A-B | 3 | 45 | #4 |
| Fred. 2 alt. Fred. 2/. | 3 | 220 | 149,800 per |
| 2-F | 3 | 65 | 105,000 per |
| 2-C | 3 | 65 | #4 |
| 2-E | 3 | 95 | #0 |
| Fred. 3 alt. Fred. 3/. | 3 | 200 | #3 |
| 3-F | 3 | 60 | 105,000 per |
| 3-J | 3 | 65 | #5 |
| 3-H | 3 | 75 | #4 |
| alt. B. for B-1 | 3 | 45 | #4 |
| C - C-D | 3 | 30 | |
| F - F-1 | 3 | 75 | 105,000 per |
| main F-G | 3 | 80 | 105,000 per |
| Belmont 3 & J | 3 | 50 | #5 |
| Account E with | 9 | - | - |
| 60 Safety catches | | | |

~~25~~ 10 15 ~~25~~ ~~15~~ ~~15~~ ~~15~~ ~~15~~ ~~15~~ ~~15~~ 62
 917

500 lamps of 2000 C. 1000 1000 1000 1000

[illegible]

Remarks

This percentage is on
the assumption that
the Company will be
capitalized at

April 1894

Washier
Germania Bank
Ct. 4

Dear Sir: Enclosed please find
note of the Edison Co. for
billed lighting payable in
sixty days from date of
invoice and amounting
to \$3018.75.

I should like you
to discount this for me
to day. Kindly let hear
from you if the proceeds will
be credited as above requested
Yours truly,
Wm. A. Edison

Wm. A. Edison

April 1894

I have enclosed
7 checks for \$1000.00
to the Edison Co. as per
order of Eugene
Edison.

11 Apr. 1894.

Dec 1. 1871

Dec 1. 1871

Dec 1. 1871

Dec 1. 1871

Why have you not
reported back with
you by telegraph.
It is necessary to send
Washington & his men.
The engine, the money
at night Thursday.

Dec 1. 1871

Dec 1. 1871

Apr 19/9

W. A. Dwyer Esq. Secy
Canon Co. Bldg
Hall Room Bldg

Dear Sir: In reference to our order
I have the amount of your bill to
the \$2246⁰⁰ less \$670⁰⁰ for
Tucker Envelopes (which are being
constructed & will be finished in an
instant). Will you be good enough to
send me your check for \$1576⁰⁰
upon receipt of the \$670⁰⁰.
This payment has long been made
and I require the money for
immediate payment of
your bill.
Yours truly
H. A. Dwyer

Apr 22^d 4

Ex. or. Ex. Treas
 Edison Elec Mfg Co
 Lawrence Mass

Dear Sir:

Referring to your \$6 note, no,
 which I find by reference to our records
 amounts to \$24 18 ²⁷/₁₀₀, I have some
 very large payments to meet on Saturday
 and wish you would be kind enough
 to send me your check in settlement of the
 above. Awaiting your reply I am

Yours Obedtly
 Thomas A. Edison

Alfred Bergmann & Co.
292 Ave B.

City

Gentlemen

We beg to inform you
that we have a contract with the
Government of Chile for furnishing material
which shall be at prices as favorable
to other parties by the Government with you
in view of the fact that you furnish
maximum as allowed by you to the
Co. for articles of your manufacture, &
it is understood is to be treated as con-
fidential

are

Awaiting a prompt reply we

Yours &c.

J. T. Edison
Constantine

4/26.

M.S. Andrews

9-E.E. M. Co.

Piqua O.

Inquiries you should start

Piqua Station Monday if

you have to work all day.

Sunday. P.A. Edison

70/100

Apr 25/ 4

W. S. Andrews

488. Electric Light Station

Piqua

When will Piqua

start Power Plant

4/26 4

St. Stead
Eng. Ohio Steel Works Co.
John W. St.
Cincinnati O.

Engl. work out on my return from
Flora. Had to sail to meet the
big journey, also and much
kind of the English. I have
not to record with intention

Edward

46
105

Dear Sir,
I have the honor to acknowledge the receipt of your letter of the 21st inst. in relation to the above matter. I am sorry to hear that you are not able to visit us at the present time. I am sure that you will be able to do so at a later date. I am, Sir, very respectfully,
Yours truly,
John W. St.

7
 1872
 Henry Clark
 5 New Building
 Baltimore Md
 Will mail Monday
 Estimates Monday
 Sent here 11/11

4
 C. H. 277
 W. P. Weston, Jr.
 222 Madison St.
 Louisville, Ky

Richmond sent left
 with light. Day's in
 for you to report re
 well estate. February
 twenty seventh. Not
 returned yet.
 2
 3
 4
 Geo. A. Cairns

Chas. J. Andrews
 John E. & Co
 Agents

Mr. Edison has
 agreed to leave
 City. Has written
 Rufus Townsend -

Yours Truly

Wm H

Apr 28/4

A. E. King Esq
Box 3311
Bastow, Mass

Dear Sir: Enclosed, we have pleasure
in handing you a copy of our
revised contract for overhead
installations. The price for underground
installations is not yet ready, but
there will be no material change
in it. Yours truly

Thomas Edison Electric Light
Co. J. L. Smith,

Apr 29 4

M. L. Dexters
 Tenth. Ave. Hill
 C. M.

Dear Sir: In the request of Mr
 Stout we send you herewith a
 bid for an Edison One Light
 plant, amounting to \$874.50.
 This amount includes the salary
 and travelling expenses of a
 man to superintend the work
 but does not provide for his
 expenses while engaged in
 connection with the installation
 of the plant. The amount
 we allow is to cover the

salary of such a man for
 a period of sixty days, the
 chance of the true amount
 hauling. Should you desire
 to retain him longer than
 sixty days it would be
 necessary for us to charge
 extra. We are interested in
 the foregoing, his living expenses
 for the period of sixty days
 must be paid for in addition
 to the amount in charge. We
 cannot include them as we
 are unaware of the probable

Call your attention to the dynamo
we propose supplying you
with - This is an H machine
and its capacity is 400 lamps
of 16 candle power or 800 lamps
of 10 candle power - If ten
and sixteen candle power lamps
are distributed throughout
the circuit it has ample capacity
for supplying current to 500
of them.

All prices, as quoted, are
F.O.B. New York - Cash against
bills of lading.

Respectfully yours

instructions in the matter
we hope to remain

Yours Very truly

Thos. A. Edison

4/29

W. G. Chadwell Esq.
9- E. 8 St. N.
Cape Cod

Dear Sir, Will you kindly
advise me whether the goods referred
to in within list are acceptable to
the Ill. Co. or to Canada? Please
at about end of 8 as you will
acting Ill. Co. refer to the order
as having been received from
you.

An early reply will oblige

Yours etc.

J. A. Edwards
Creston, Vt.

Apr 30 4
 H Ward Leonard
 Editor Elm Light Station
 Middletown
 Ohio

Have you mailed Middletown
 map with information re
 street lighting - Supply
 lamp & shield

W
 H

Apr 30 4
 John J. Perry Esq.
 9 Elm St. Weymouth,
 Massachusetts, Pa.

Not at map showing proposed
 station and immediately
 indicate containing fragment
 around street & highway
 just west of Elm St. our kindred
 feet west of Elm St. around
 beneath stone. Around
 J. A. Editor.

May 21 4
 Mack Brown
 Worcester

Dear
 Your Boston answer not
 yet swept. Will
 push it but impossible
 to complete today
 Truly
 yours

May 27 "
 A Stuart Esq
 Ave 60 Wm St
 Cincinnati, O.
 Andrew's advice that
 would be sent
 Wednesday morning
 not received. When
 was it mailed?
 Thomas A. Edison

Estimated Profits Roundabout N.Y.

| 1000 Shares at 2 ⁰⁰ per Share Capital | | | | | CAPITAL 30000 | |
|--|--------------------|--------------------|---------------|-----------------------------------|-------------------------|--|
| Yrs
Begin/End | Yearly
Receipts | Yearly
Expenses | Net
Profit | Profit
Average | | |
| 4 | 15000.- | 6251.- | 8709. | 20 ²² / ₁₀₀ | Distribution | |
| 3½ | 13125.- | 5970.- | 7155.- | 23 ⁵⁰ / ₁₀₀ | Cost of Plant 20,976.69 | |
| 3 | 11250.- | 5706 | 5544.- | 18 ⁰⁰ / ₁₀₀ | Land C. 1000.00 | |
| 2½ | 9375 | 5442 | 3933.- | 13 ⁵⁰ / ₁₀₀ | Plant C. 7500.00 | |
| | | | | | Treasury 523.31 | |
| | | | | | 30,000.00 | |

Juanes Reyes
1880

Vigilante

6 4
60 60

100 100
200 200

W. B. B. B.

800 800
37 37

15 15
20 20

75 75
12 12

25 25
533 666

50 45
1 1

80 80
75 75

350 350
99 99

256 235
109 109

Estimated Profits
Juanes Reyes

| 1000 Sample | | | | |
|-------------|-----------------|-----------------|---------|---|
| No. | Yearly Receipts | Yearly Expenses | Profits | % |
| 5 | 45000 | 12,126.- | 32,874. | |
| 4 | 36000 | 9405.- | 26,595. | |
| | 52 1 | | | |
| | 52 1 | | | |

Estimated Profits

Guano Chyres

| 1890 Summary | | | | |
|--------------|----------------|----------------|----------|--|
| No. | Yards Receipts | Yards Expenses | Profits | |
| 54 | 72,000 | 12,680.- | 59,320.- | |
| 4 | 57,600 | 12,126.- | 45,474 | |

5/2/91

5/2/91

1890 Summary

Guano Chyres

54 72,000
4 57,600
12,680.-
12,126.-
59,320.-
45,474

May 28. *

Thomas Owen Holder Esq
of Belfast City

Dear Sir

W. J. Stephens Esq
of E. & G. W. & C

Dear Sir

May 28. *

I have just received from
your letter of the 27th inst. and am
glad to hear that you will
be in London on the 30th inst.
and that you will be able to
attend the meeting of the
Committee on the 31st inst.

Very truly
yours
W. J. Stephens Esq
of E. & G. W. & C

W. J. Stephens Esq
of E. & G. W. & C

5th May 4

Mr and Leonard Esq.
Middleton
O.

Dear Sir,

I understand from Mr
Stuart that the pavement around
our poles is in very bad
condition. If so if the trouble
is owing to our men please
have the trouble pavement
fixed at once.

Have the poles been
painted. Mr Rich gave a
contract to a local Painter
Please hurry him at his
work yours truly
Sam Esult

May 5th 11

W. Seidmann Esq.
 Chief Elec Engineer
 Piqua, O.

Dear Sir:

I am in receipt of your letter of 30th ult in regard to motors.

Bergmann and Co. can supply driving machine motors and 1/2 hp. motors but to utilize them you would require to run a day circuit, and at present that you can't pay

Yours truly

Thos A Edison

May 9 4

Mr John Ott
Laboratory

Sir: We send you a card of rules which
are prepared for use in connection
with pressure indicators -

This card was prepared before the
latest type of indicator was
arrived at and we want to
know if it will properly apply
to these improved instruments -

Please let us have this information
at once ^{oblige}
Yours truly

Thos. A. Edison Const. Mfg.

By Saml E. Inall

Walt at extra cost
Exceed. Living

May 57 "
M. M. Rowland

Baltimore old
Letter paid not paid
Fifty light machine hundred
had ten rolls forty five
superior This hundred dollar
Twenty five light machine
Twenty two superior hundred
and ten rolls three
hundred fifty dollars
Can mind for higher

516.

W. G. Anderson Esq.
 Andover O.

Dear Sir

We have this
 day forwarded per Express Company
 per Phoenix. N. Y. M. & C. Co. and others
 cards as per your request
 of 3rd inst. Very Respdy.

W. G. Anderson
 Andover O.

Very of H
 W. G. Anderson
 Andover O.
 It is possible to
 have some here
 from as possible
 W. G. Anderson

D.

* Kelly

t.

Sept. 1900 in *Piqua, Ohio.*

| name. | cl. of cat. | days in - to - prior | value - 1000000 |
|---------------|--------------|----------------------|-----------------|
| Feeder 1/ | At Feeder 1/ | 3 | 175 |
| | 1-F | 3 | 75 |
| | 1-B | 3 | 50 |
| | 1-A-B | 3 | 45 |
| Feeder 2/ | At Feeder 2/ | 3 | 220 |
| | 2-F | 3 | 65 |
| | 2-C | 3 | 65 |
| | 2-E | 3 | 95 |
| Feeder 3/ | At Feeder 3/ | 3 | 200 |
| | 3-F | 3 | 65 |
| | 3-F | 3 | 60 |
| | 3-H | 3 | 75 |
| At B. for D-1 | | 3 | 145 |
| C. C-D | | 3 | 30 |
| F. F-1 | | 3 | 75 |
| F. F-G | | 3 | 80 |
| Behan 3-F | | 3 | 50 |

Refuse Area

97
60 Catals

N

4

Thos. Spencer Esq.
of E. E. M. Co.
Piqua Ohio
Dear Sir

We send herewith blue
print and memo. of mains and feeders with
number of safety catches and amperes for
that station as requested by Mr Andrews.

Very Resp^y.

J. A. Edison
Chief Eng^r

May 7th 4

Spencer Borden Esq
Fall River
Mass

Dear Sir: We send you herewith
estimate, specification of building,
specification of street installation,
plan of building and chart of
district, all relating to Chicago
Mach, the said estimate amounting
to \$25,984²⁴/_x and proposing a
plant of 800 lamps, 10 c.p. capacity,
supplied by underground conductors.

Hoping these will reach
you early we are
Yours respectfully
Thos. J. Edison Condit & Co
Per J. A. Sullivan

May 7 4

Chas. F. Hughes Esq
Poughkeepsie
N.Y.

Dear Sir:

We have pleasure
in sending you under same cover
the following documents in reference
to Rondout, N.Y.

Estimate #129 - 1000 lamps - \$20,976⁶⁹/₁₀₀ overhead
" 129A 1200 " - \$25,437³¹/₁₀₀
" 129B 1200 " - \$35,666⁸⁹/₁₀₀ underground

A chart of the district accompanies
each of the above estimates, the
first covering 1058 lights and
the two last named 1079 lights.
In the case of each

of these three bids we would
propose erecting the same
building and for this reason
but one building plan has
been sent to you, together
with specifications of same:

In addition to these we
send specifications of street
maine for each estimate and
trust they will reach
you safely we are
Yours truly

Thos. E. Dixon, Com. to Dept.
of Public Works

May 87 4

Hutchinson Esq Secy
Edison Co. So. Ety

Dear Sir: ^{City}
Erie Ry data
In compliance with your
request 2nd inst. we beg to hand
you all the data we have had
in relation to the Erie Railway
terminus Jersey City.

Yours truly

Thos C Edison Const. Dept
J Saml Insull

May 4

Ch. Stuart & Co.
Ohio Edison Co. Inc.
Cincinnati, O.

Dear Sir:

We send you under separate
cover our estimate of \$128 for the
installation of an Edison Elec. Co.
Central Station plant of 1000 lamp
capacity at Covington Ky.
amounting to \$29,432 ⁶⁰/₁₀₀, and
providing for underground conductors.

We also send you plans of
building with specifications of
same, charts of ducts and
specification of that system
and fusers. C.C.

Mar 8/11

made, as requested by
you orally, an approximate
estimate on the street installation
overhead and the same
amounts to \$4428.⁶⁰

Hoping these figures will
be found satisfactory to you.

We are
Yours very truly

Thos. S. Edwards
By J. S. Edwards
and J. S. Edwards
and J. S. Edwards

May 4

F. B. Hastings Esq, Treas
Edison Elec Light Co
City

Dear Sir: Enclosed we beg to hand
you our estimate \$21344 for the
installation of an Edison Elec Light
Central Station Plant of 1600 lamps
capacity at New Bedford Mass,
proposing overhead conductors
and amounting to \$33,393⁰⁰/₁₀₀.

We also send you plans and
specification of building, which
is arranged for increase to
3200 lights, the steam

firing re being of sufficient capacity to accommodate such an increase without alteration.

In addition to these you will find enclosed a two charts of the district with specification of conductors, which latter cover 1993 lights.

Yours truly

Thomas Alderson Consty Dept

W. Lambie

Champion Brass & Copper Co.
19 & 21 Cliff St.
City

Dear Sirs:

We have 577 lbs $\frac{419}{1000}$ " dia.
bare copper wire which we desire
to have drawn down to $\frac{203}{1000}$ " dia
(70% Redd.) also 979 lbs $\frac{24}{1000}$ " dia (800m)
which we wish drawn to $\frac{254}{1000}$ " dia (82.4m)

Could you kindly let us know
about what it would cost to
accomplish this and how soon after
the receipt of the wire by you
at your mills it could be
re-shipped.

Yours truly
Thos. A. Edison Electric Light
Co. Sam'l. Hall

May 9/4

C. D. Stuart Esq Secy
Ohio Edison Elec. Co.
6th & Vine Sts
Cincinnati.

Dear Sir: Enclosed we beg to hand
you our bid for the work you
desire us to undertake in connection
with your Archville installation
together with duplicate form of
agreement.

We would call your attention
to the fact that we have eliminated
from this agreement the clause
usually inserted giving us the
right to retain the first and
second payments as liquidated
damages, claiming the right to
return the first payment only.

We trust you will find
this contract satisfactory and we
wish you would wire us
immediately it is signed.

Enclosed also please find
schedule giving detailed prices
of the material we propose furnishing.

Yours truly
C. D. Stuart

May 10th 4
 W.A. Rowland
 Baltimore
 Md.

Dear your twenty five
 light machine. Speed
 about ten hundred and fifty
 revolutions per minute.
 now slightly resistance
 loss to control shingle of field
 magnets as think you
 may need it.
 J. A. C. Eison

Stewart Secy
 Ohio Chem. & Electro. Co.

Cincinnati, O.
 Please mail subscription
 draft today -
 Greenville expressed
 yesterday

Saml. Smedley

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May 13th 4

Chas. T. Hughes Esq
of Morgan House.
Pokeepsie
N.Y.

Dear Sir

As requested in your
last 11th inst. beg to enclose Estimated
profits of Roundbury capitalized at \$50,000 -
your Estimate "129" B which trust will
be satisfactory

Very Resp.

T. A. Edison
Constructive Dept.

May 17/4

Jas. C. Upham Esq^r
N.E. Telephone Tel. Co
Worcester Mass

My Dear Upham:

I have your letter
of the 5th. I expect if they
put the Worcester Company
through to go on again
when I shall have more time.

There were but few "baby"
lamps made and they are all
gone. We expect soon to make
some more when I will
send you one
yours very truly
T A Edison

May 14 11

J. G. Zachry - Engr
John Hammond Zachry & Hammond
Atlanta Ga

Dear Sir:

Enclosed we beg to hand
you our estimate at \$68.00 for
the installation of an Edison Inc
Light Central Station plants of
1600 lamps capacity, supplied
through underground conductors,
the said estimate amounting
to \$ 44,970 ¹⁸/₁₀₀.

We also send you

a chart of the district
showing the proposed
Course of the Conductors, which
is the same as that handed
you the other day with our
bid for overhead lines -

Yours very truly

Thomas H. Connelley
By Samuel S. Connelley

Wm. H. Cushman

Andonia Brass & Copper Co
at Sec

You have a note ^{of \$3000} ~~of \$3007~~
due tomorrow & as I have no
notice of same from any bank
I presume you still hold the
note. I enclosed check for \$3500
on account of same & I shall
be glad to know if you can
hold the note for a few days
as I may not be able to pay
you the balance tomorrow.
Please let me hear from
you by return.

Yours truly

Samuel

May 14/44

Enford Esq. Pease

Emerson Elm. N.Y.C.

Lawrence Mass

Dear Sir:

Referring to your letter of 29th ult, enclosing a list of items to be credited to the Lawrence Co. we beg to say that the extra crank pin boxes which you will "not need", were sent to Lawrence last 1st and we hold a receipt for them dated Oct 7/43.

The two pairs of phosphor lamp glasses, noted like the above, were returned to New York and in

2

their place we substituted
two pairs of rabbit boxes which
cost exactly the same price
as the former.

In place of three dynamo
switches, charged in our
estimate at \$30.00, we suggested
one double dynamo switch
at a cost of \$25.30 and we
therefore make you an
allowance of \$4.70 on this
item.

As you state we shall
have you two pressure
indicators. Here are

3
nearly ready to be sent
and it is hardly worth
while passing a credit for
them through your books
and through ours - unless
of course, you particularly desire
it.

Still for water was returned
and we therefore credit you
apx \$ 20.⁷⁵

250 temporary fixtures
you state 'not received'.

We sent them, and in
conversation today with
Mr. Andrews he informs

us that the pictures were
received and used; we
therefore presume you have
overlooked them.

The two 10 x 12 talleys we
have never received from
you. It might be as well
for you to have the ~~talley~~
ship the authorities of the
line over which you shipped
and when we receive them
we will give you credit
for them.

We allow repairs on

5

$n\frac{1}{2} \times 13$ Engine \$12.25;
 Accrue to on lights not
 installed in Station \$5.00
 Damage caused by digging
 trench for mains \$10.00

We do not know the
 amt. you desire to charge
 us for the 4" iron pipe
 and lay with Rich, nor
 do you state quantity and
 price of fine brick shipped
 of in same manner.

Kindly give us this

6

information and we will
make proper credits to
your ac.

We allow you \$ 87⁰⁰ on
"S" dynamo, making with
\$ 725⁰⁰; also allow you
\$ 39⁴⁸ on charge for main
to City Hall.

These credits aggregate
\$ 263⁴⁸ and we enclose
Co bill together with
statement of your ~~to~~ what
later show a balance

7

in any favor of \$ 2154⁶⁶.

In relation to the lifting
bridge we spoke to Mr. Kenei
this morning, telling him he
had charged us with such
an instrument in connection
with his Lawrence bills, and
that it had not been supplied.

He stated that he personally
knew the bridge was in
Lawrence. Will you very kind
have this looked into further
and if you shall fail to find
the bridge we will credit you.

8

Will you, upon receipt of
this, be kind enough to
send us a check for
\$1800⁰⁰ on a/c - This will
leave \$354⁶⁶ in your hands
which amount will cover
any of the adjustments we
may yet have to make.

We are anxious to receive
this money early and will
be very much obliged
if you will comply with
our request.

Yours faithfully
Thomas A. Edison

May 14th 14

Henry Bentley, Esq. Presdt
Local Tele. Compy
Philada. Pa

Dear Sir: Permit me to introduce
to you Mr. W. T. Andrews, our
chief Electrical Engineer, who
goes to Philada. to attend to
the installation of your dynamos
and electrical apparatus.

Yours very truly

Thos. A. Edison

W. N. Steward Esq.
Santiago Chile

May 15 4

Dear Sir

We forward by City
of Para. box containing, 50 Isolated Co's
Catalogues, 50 Central Station System
(Harrings) 25 Bulletins #21. 1 Each
Elects, Dynamos, Lamp & socket & safety
catch also 2 blue prints of arrangements
of Central Station 500 lights. all of
which trust will come safely to hand.
The twenty five Canvas books will
be forwarded by next steamer as
they could not be finished in time
for this. Very Respy J. A. Edison
No charge.

May 15/4

W. H. Dwelling Esq Treas
Chiron Rec. Sep 6
Fall River Mass

Dear Sir: We again beg to call
Your attention to the amount
still due upon our Fall
River contract, and enclosed
hand you statement showing
such balance to be \$2297 ³⁴/_x
As you have not yet
been furnished with feeder
equalizers, we deduct
from this amt. \$690 ⁰⁰/_x

and will charge for the
equalizers when we send
them, and the balance
You actually owe us is
\$ 1597 ³⁴/₁₀₀.

We would remind you
of the fact that the Fall
River Station commenced
supplying light on Dec 18/83
and thirty days after
that date; Jan'y 17th, all
payments in connection with
your installation matured.

The payment, before mentioned,
is therefore four months
overdue and as we are
not financially in a position
to carry such a large debit
on our books for such a
time, after maturity, we
must urge upon you the
necessity of making an
immediate settlement and
shall be obliged to you
if you will send us

upon receipt of this letter
a check to balance your
account.

Yours truly

Thomas Edison

May 15/4

W^m Schenck Esq. Pres.
 Edison Elec. Ill. Co.
 Mt. Carmel Pa.

Dear Sir:

Enclosed we beg to
 hand your statement of your %
 to date showing a balance
 in our favor of \$5658⁴⁸/₁₀₀.

We would call your
 attention to the fact that the
 Mount Carmel station was
 started on Jan'y 22nd last
 and that all payments
 due us by you matured

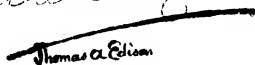
on Feb. 21st - thirty days
after the station commenced
supplying light.

The amount of our statement
~~annexed~~ has therefore been
overdue about three months.
All our bills in connection
with the installation of
the Mt. Carmel plant have
matured and we have
been obliged ~~to~~ to meet
the greater portion of
them out of funds derived
from other sources.

As we are not in a position
financially to carry such
a large debit on our
books, and as we have
been and are now being
seriously embarrassed
for want of this money,
we must urge strongly
upon you the necessity
of making an immediate
settlement of your account
and we shall therefore
be obliged to you if

You will send us, upon
receipt of this letter, a
check to balance the
amount as per our
statement herewith -

Yours truly,


Thomas A. Edison

May 15th 4

Mr. Belknap, Engineer
Edison Elec. Light Co.
Newburgh, N.Y.

Dear Sir: We beg to call your
attention to your letter of 12th
inst. in which you specify a
number of credits in connection
with our Newburgh Contract.

We send you credit bill
for the following:

| | |
|------------------------------------|-------------------|
| Minute Glass | a 75 [¢] |
| 5. hour change of dates | 28.75 |
| Cost for water | 1.50 |
| Office Furniture | 86.25 |

One barrel of pickles not supplied \$50.00
 Less to one Friedman who furnished \$10.00 \$10.00

We sent the money to the
 extent of \$12.00; therefore
 Credit you with \$45.00

In relation to our
 charge for superintendence
 we do not think you should
 ask us for a reduction of
 that amount. Although
 we did not ourselves
 erect your station, it
 was necessary for us

to send our Supt. and
Engineers up there and
the sum \$241⁵⁰ will
no more than cover our
expense in this connection.

In the bill annexed
we also give you credit
for \$966⁵⁵, which sum
represents the total of the
amounts charged against
you by the Elec. Tube Co
and billed in error by us.

We regret the Tuke Co
should have made this
mistake.

The credits aggregate
\$ 1230⁴⁹ and the statement
herewith shows a balance
in our favor of \$ 1276²²

Yours truly

Thos. C. Dixon Constable

By Saml. S. Smith

May 14

H. Hestup by Theo
Edison Electric Co
City

Sir: Enclosed please find our
ap against the Edison Elec
Co. for canvassing mapping
etc for the month of April
amounting to \$ 1925 ⁹⁰/₁₀₀
Yours truly

Theodore Edison Electric Co
By, Sander M. M. G.

| | | | |
|-----------|----|-------|-------|
| St. Louis | Mo | 20 38 | 20 38 |
| St. Louis | Mo | 20 38 | 20 38 |
| St. Louis | Mo | 20 38 | 20 38 |
| St. Louis | Mo | 20 38 | 20 38 |

May 16/4
 A. A. Perrier
 East Saginaw

Dear Sir

Thank it is an ~~intention~~
 find out exactly what is sent
 you to satisfy to and for when
 I let you know ~~the~~
 will advise. This manner
 collect

Yours A. Perrier

28/8/82

May 16/87

E. B. Hubbard Esq
 Edison New York
 Tiffin N.Y.

Dear Sir:

Enclosed are beg to
 send your statement of your 1st
 to 1st inst. showing a balance
 in our favor of \$2567⁰⁰ -

\$500⁰⁰ of this amount is
 due on our contract and the
 balance \$1967⁰⁰ is for
 material supplied outside
 of our contract. We

would respectfully call your
attention to the fact that the
Tiffin Station commenced
supplying light on Jan'y 3rd
and therefore all payments
for material shipped on or
before July 1st matured on
the latter date. The greater
portion of your A^c is
therefore more than three
months overdue and we
must ask you to kindly

make an immediate
 settlement with us as we
 are unable to carry the
 debt on our books longer.

We shall expect to
 receive a check from you
 within the next few days
 and in the meantime try to
 remain quiet.

Yours truly
 J. W. Lawrence

May 14

Wm. West Esq Treas
 Union Bank
 Washington D.C.

Dear Sir:

Enclosed we beg to
 your statement of your ac-
 to date showing a balance
 in our favor of \$1705.⁰⁰

As this amount is long
 overdue and as we are in
 urgent need of the
 money with the
 balance as to be

we a check in ~~settlement~~
 of same upon receipt of
 this communication.

Yours truly,
 Theatrical Commission

By: [Signature]

Nov 14

Mr. Mart by Sea
 to Union. Recd
 Cincinnati

Dear Sir:

The Tiffin Company
 are an amount of \$2467
 \$500⁰⁰ of which applies to
 their contract and the ~~balance~~
 for material outside our
 contract. The Tiffin Station
 commenced unloading ~~the~~
 a long ~~time~~ ago and
~~finished~~ on ~~the~~ of the

Contract, and for ~~nothing~~
~~shipped~~ on or before ~~the~~ or
~~entered~~ with the amount
 of this latter date.

The greater portion of the
 amount they owe ~~us~~
 has therefore been over ~~the~~
 more than three months.

We have today ~~been~~
 a meeting with the
 other ~~parties~~ and ~~we~~
 and the ~~other~~ ~~parties~~

Kindly interest yourself
in this matter and assist
us in obtaining the
money which we urgently
require.

Very truly Yours,

Thomas A. Edison

By Wm. H. Wood

May 16/ 66

Thos. P. Belmont Esq
 Newburgh N.Y.

Dear Sir: Please use your best
 endeavors immediately to
 run down the cause of
 that flicker in the lights
 at Newburgh.

We must find out what
 causes such variation and
 stop it Yours truly

Thos. P. Belmont Esq
 By Ans. & mealy

May 17 4

C. L. Stewart
Corner 6th & Vine Sts
Cincinnati, O

Second map Troy
mailed today -
Estimated Monday
H. A. Edison

May 17
Geo. A. Bliss

Dear Maimey

Two hundred seventeen
ohm lamp, device
over per cent inside
house two percent

Thos Edison

May 10/4

The Harris Rybees
Bellefonte Pa

Dear Sir: We have your two favors of
the 12th & 13th insts.

We very much regret we have
been unable to start work at
Bellefonte on this. We have been
waiting for the delivery of the iron
and also the foundation cap for
our engine which being a new
size there has been considerable delay
in getting out. We are promised
one more of a size which
should enable us to get it to
Bellefonte by about the 27th of

the south end. the staying
of river will take a long
short time.

Why don't you
have the folks put up to the
when the river arrives. all
that will have to be done
will be to erect some.

We are writing to Mr
Carr by this mail with
relation to the matter and we
shall be glad if you will
consult with him.

For this situation will
be required 267 men laborers

and pins, 370 lag screws
and washers and these
you can obtain from
L. S. Tillotson Co, 5 & 7 Bay
St. City. You should
order from them "Postal
Telegraph Insulators."

We expect our material
will be in Bellefonte in a
very few days to make the
alteration in connection with the
Engine —

Very truly
yours
Samuel T. Smith

May 17/ 4

C. C. Chinook Esq
257 Pearl St
City

Dear Sir:

Mr Edison has
requested me to ask you
what the objections are
to lighting Mallory's pier
which are in your district.

Yours Very Truly

Saml J Ince

May 7th 4

C. J. Greenfield Esq.
 #41 Anna St.
 City

Dear Sir:

The telephone line between
 our office and the Mack 10 to is
 out of order. Will you please
 send one of your men to
 repair it and oblige

Yours truly

Sam^l & Lucille

Stacy & Sons

May 19th 4

Edward E. Tiers
 Edison Elec. Mfg. Co.
 Lawrence Mass.

Dear Sir: In further reference to
 your letter of 15th inst. we have
 pleasure in enclosing herewith a
 credit bill for \$ 507 ⁵³/₁₀₀ for two
 pairs engine C. boxes, 250 Lamp
 Fixtures, allowance on 1/2' dynamo
 and one lifting bridge.

In relation to the price
 we charged you for 1/2' dynamo
 we beg to say, by way of
 explanation that \$ 725 ⁰⁰/₁₀₀ is

22

the price at which the Machine Works bill these dynamos to the Isolated Company, and the conditions are cash upon completion of orders. For instance if the Isolated Co. gives an order for twenty machines they pay for them as they are completed, regardless of their prospects for sale of such machines.

The dynamos we supplied you with we bought on terms as above and in billing them

H 3

to you at the same price as
we paid for them we lose
interest on our money.

We state these facts simply
to give you an intelligent
explanation of the apparent
overcharge.

We beg to apologize
for our error in regard to
temporary fixtures.

We do not quite under-
stand your remark in re
Andrews reversing switch
being charged as a separate

24
item. Such an instrument
was not provided for in our
contract with you, as its use
was necessitated by an
arrangement of your station
not anticipated at the time
the contract was made.

The rabbit boxes are not
a part of the dynamo. We
always make a separate charge
for them.

We await your
advice in regard to 10 x 12
pullers, iron pipe and

#5

I enclose and with the
wish that the foregoing
may be satisfactory to you

We are
Yours very truly

Wm. H. Wilson, General Agent

By Sandra S. Small

May 19th 4

dears Youngman ^{to} Mandeville
 Chagleton Pa

Dear Sir:

We have your statement of
 17th inst. showing balance in
 your favor of \$ 195 ⁹⁷/₁₀₀ -

Our Supt., Mr. Rich, informs
 us that his arrangement with
 you in relation to tin roofing
 was for a charge of 8⁵/₁₀₀ per ft.
 instead of 8¹/₂ as charged on
 your bill rendered Oct. 31/

This make a difference of
 \$9 ¹¹/₁₀₀ in your % - We have

deducted it from your
 statement attached and return
 same to you to have you
 confirm the amount of

\$ 186. $\frac{56}{x}$

Yours very truly

Thos. S. Brown & Co. Boston Sept
 13. Sanchez

May 20/4

H. Ward Leonard Esq
Middletown
Ct

Dear Sir:

Mr. Edison considered
very carefully the suggestion
embodied in your letter of
13th inst. and he directs us
to state in reply that he
deems the investment entailed
by such an arrangement,
altogether too heavy.

Yours Very Truly
Thos. Edison Esq. Mgr. Dept
My friend Insull

May 30/4

A. Ward Leonard Esq
 Middletown
Ohio

Dear Sir:

In relation to your
 letter of 13th inst. in regard
 to motors, Mr. Edison is
 not at present prepared to
 deal with such matters.

Yours Very truly
 Thomas Edison

By Sam Lusk

May 21/ 4

A. S. Kiehl Esq
Knoxville
Tenn

Dear Sir: Replying to your
letter 16th inst. we beg to say
that we have carefully
considered the suggestions
you made in regard to
changes in building specification
and we find that it would
be impossible to make a
reduction in present price
of building as quoted to

You in our estimate, of over
Fifty dollars (\$50⁰⁰/₁₀₀).

We have no doubt that
the Knoxville Gentlemen
could arrange with the
Edison Elec. Light Co. to
erect their own Central
Station building, following
the plans and specifications
furnished by the Light Co.,
and thereby insure themselves
against paying more than
absolute cost for the

structure.

We enclose herewith
an appendix to be annexed
to the building specification
already in your hands.

Yours Very truly

Thomas Edison Consulting Engrs.

B. J.

May 21/ 4

H. A. Clarke Esq
Baltimore
Md.

Dear Sir:

Mr. Hastings requested us a few days ago to prepare an estimate of the cost of a Central Station plant at Cumberland, of larger capacity, than proposed in our estimates at present in your hands, stating that you would prefer a 1600 light installation.

By referring to our chart of Cumberland you will see that we have, in estimate sent herewith, taken in all the good lighting of the City available within a reasonable area. The first class

residences of Cumberland are so far removed from the business portion of the town that the investment entailed by taking them in would be too heavy. You will find we have omitted only third class buildings, and the largest number of lights we can get is 1091; we therefore send you our Estimate PMSA for the installation of an Edison Electric Light plant of 1000 lamps capacity, and amounting to \$20,198.⁷⁷ makes conductors. We also send an appendix to the Street Main specification you already have, and Chart of new district. There will be no alteration

in the building specification sent
you with our first estimate.

Yours truly

Thomas G. Bailey Const. Dept.

By Paul Insull

May 28/4

J. S. Matthews Esq. Pres.
Edison Elec. L. Co.
City

Dear Sir:

Enclosed we beg to hand you
an estimate for the installation of an
Edison Elec. L. Co. Central Station plant
of 1600 lamps maximum capacity,
overhead conductors, and amounting to
\$ 32,022 ⁰⁰/₁₀₀.

We also send you
blue prints of building for Central
Station and district and specifications
of street mains & building.

Yours truly

Thomas Edison Consulting

Wm. Leonard Merrill

May 27 11

Mr. Stuart Eng. Secy
 Ohio Edison Elec Co
 Cincinnati O

Sir:

We send you bright map of
 Tray and will forward estimate
 tomorrow.

We have selected for a
 Central Station site a
 lot situated and lying between
 Plum and Market Streets
 about the center of block
 248 and fronting on Canal
 St., as you will see

by reference to that
Tenderly
Thos. Greenleaf Esq
By Sarah Insall

May 26 / 4.

H. H. H. H. H. H.
City

Dear Sir: In compliance with
 your request we prepared
 an estimate of the cost of
 pole lines, as recently changed
 in Orange, and find it
 amounts to \$5815⁶³/₁₀₀ as
 against \$14,918⁴⁸/₁₀₀, a difference
 of \$9102⁸⁵/₁₀₀ in favor of
 the former estimate.

Yours truly,
 Thos. H. H. H. H. H.
 Mr. H. H. H. H. H.

May 24/ 4

A. Stuart Egle
 Cincinnati
 O.

Dear Sir:

Enclosed we beg to
 hand you our estimate of the
 cost of a Central Station
 plant at Troy O, of 1600
 lamps capacity amounting to
 \$ 32,015 $\frac{22}{x}$, overhead conductors.

As you already have
 one map we will not
 encumber this parcel

#2

with another, but will
 send two more together
 with building plan and
 specification and specification
 of that installation which
 latter we are unable to send
 today -

Very truly Yours
 Thomas Edison
 By Samuel Insull

May 26/4

F. L. Upton Esq^r
City

Dear Sir: We have made the
change you desired in Orange Estimate
for 1000 lights and following are
the results:-

Underground Mains 6197.35
Overhead Feeders 5815.63 12,012.98

conductors in 1000 light estimate 17,185.80
" as changed 12,012.98
Reduction \$ 5,172.82

Total of 1000 light estimate 35,186.⁵⁴ as first rendered
" " " 30,013.22 " changed now.
" " " \$ 5,172.82 Reduction

Yours truly,
John A. Edison

May 28 4

John T. Perry Esq.
 Bellefonte Pa.
 Dear Sir

In reply to your
 favor 26th inst. beg to state that the
 goods ordered have been attended to.
 In regard to the extension beyond D
 each would state that we have made
 the main of sufficient size to carry
 the 15 lights the basket if extended
 in the same size wire as estimated,
 that is #2.-

Very Resp.
 J. A. Edison
 Cincinnati

May 28

4

Henry Batty

Wm. Telegraph
Childs. Pa.

Perhaps you have deplained
field. If so change up again.
By adding five or six cells
between battery in field circuit
but if wires better in one leg
thats out one leg of magnetic
put resistance back and send

on other leg across the
circuit it will work just
as well. So magnets of
the dynamo had order.
Will be here until about
school tonight. Telegraph which
success did with particular
so we can fix you up.

A. A. Westover, Edison

Rich

May 28

Adelant

Avenue 6 & Vine St

Bancroft

Learned reports local

company notice taking

contract light mill

at rate equal dollar

per thousand gas.

You should stop

this - Mrs R. Ewing

May 28 "

Chas. E. Bosc

Plainfield

N.J.

Come in tomorrow

morning buy. Truly

Sam. French

May 3d 4

Wm. G. F. F. F. F.

Canal Co. Light Station

Chaplin Dr

Don't mind this today

as business is suspended

Don't you get along

all right for tonight

run Reply

Wm. G. F.

Canal Co.

May 20th x

V. H. D. Welby Jr. Esq.
Treas. E. C. S. C.
Fall River
Mass

Dear Sir:

In reply to your letter
I wish we beg to say
we cannot tell what
may be the cause of the
trouble with your amateur.
If you will pay the
freight on it to New York
and the freight on a
new one, we will however
exchange it for you.

Shouting your reply please
to Mr. D. Welby Jr. Esq.
Fall River Mass.

May 20th

John L. Tillery Esq

Demerara

British Guiana

Dear Sir: In relation to your
recent esteemed communication in
regard to our estimate for
the supply of material for an
Edison Electric Light plant
of 100 lamps capacity, permit
me to say that since the
date of my former letter
to you I have completed

arrangements with the Edison
Electric Light Company, to
personally exploit their
business in South America
and Mexico -

In anticipation of the
volume of business to be
derived from these sources
I have made large reductions
in the cost of material from
the former estimate I sent
you, and I would respectfully
request your removal of

* 3

the bid annexed hereto, for
a plant of 100 lamps 16 C.H.
Capacity, amounting to \$ 3100¹⁵/₂,
a reduction of \$ 1440⁰⁷/₂ from
the estimate now in your
hands.

In relation to the Charrington
and Sims Engine I would
state that I could furnish
you with a 15 H.P. Engine
built by the New York Safety
Steam Power Co. for the sum
of \$ 588⁰⁰/₂. These are

* 4

vertical Engines and rank
very highly in this Country.

We enclose herewith a
description of them which
will admit of your judging
for yourself.

If it were unnecessary
for us to furnish you with
power, by your being able
to obtain power on the
premises where we desired
to install the plant, the
first five items in ours

#5-
 estimate would of course
 be eliminated, causing a
 reduction of $\$908 \frac{40}{x}$ from
 the amount of our estimate
 and making it $\$2195 \frac{75}{x}$
 instead of $\$3104 \frac{15}{x}$.

Believe me it has been
 my desire to put this
 estimate on as low a basis
 as possible in order to
 interest you in it, and
 I trust that my efforts

#6

will prove successful -
I shall be very pleased
to hear from you again
in relation to the matter
and awaiting your further
communication I beg to
remain Very truly Yours
Thomas A. Edison

May 30th vMr Ward Leonard Egan
Middletown
O.Dear Sir: I am in receipt of
your letter of 26th inst.Let the draft you
made upon me come
forward.In relation to selling
the right to mills at a
rate equal to \$1⁰⁰ I
do not at all consider
~~and will~~ good policy.

+2

and I have wired the
Stark of Cincinnati in
relation to it -

Yours truly

Thos. A. Edison

May 30/4

N. B. Eaton Esq Recd
 Carson Mch Co
City

Dear Sir: Replying to your memo
 of 28th inst, I beg to say that
 it would be necessary for the
 Williamsport Co. to pay Mr
 Andrews salary \$35⁰⁰ per week
 and his allowance \$17⁵⁰ per week
 (together with incidental expenses
 and Railway fares) for such
 time as he might be employed

in connection with the Williamsport installation.

The salary of Mr. Andrews
 Assistant would be \$25⁰⁰
 per week and \$7⁵⁰ allowance
 (together with incidental expenses
 and Railway Fares) and if they
 decided to retain his services
 after the completion of the
 installation it would be
 necessary for the Williamsport
 Co. to assume this expense
 permanently —

May 4

John George Engel

The proposition to changing the
 distance between engine and drums
 centres in Bellefontaine is necessary
 that the Company should speak &
 immediately. What distance centres
 will be used cannot order belts
 until we have exact information
 and you cannot give without
 return from you receipt of
 the what the definite centres
 will be.

Thos. A. Edison

Aug 30/ x

John Brown Esq
18 - 24 Bridge St
Brooklyn N.Y.

Sir: We have today received a
Cable from Malaga as follows:-
"Ship five hundred meters N. 2
three hundred meters etc &
to be without connections before"
I will send you an official
order for this tomorrow and
advise you next of the receipt
of the Cable order so as not
to delay you in preparing to
execute same truly
Yours A. Edwings

June 2 4

John A. Perry Esq.
Bellevue

Dear Sir

The belting as desired
for that station has been ordered in accordance
with your telegram of this date.

It belting was shipped
May 27th but which we find was too short
you will therefore please forward direct to
Wm. Leather Belting Co. 324 Pearl St. N.Y.
notifying us as to date of shipment.

Very Respy.

T. V. Edison

June 2^d 11W.D. Rich Esq
255 Belknap
City

Dear Sir My leg to inform
you that the letter for Belknap is ordered
with the understanding that the distance
between centre of Engine and dynamo pulleys
is 14-feet - you will kindly bear this in
mind when making the change at that
station.

Very Respy.
T. A. Edison

June 2. 4
 John H. Dwyer
 Bellport, N. Y.

Mr. Engineer's photo
 from Albany has received
 answer. -

J. C. H. Dwyer

June 11 4
 W. H. Dwyer
 G. Union the City of
 Providence R. I.

Dear Sir, kindly send
 your station electrician
 over to Huntington to
 fix ammeter - quickly
 please reply
 J. C. H. Dwyer

June 1st 4Frank & Oliver
Exum Bee City &

Sumbury Pa
Have telegraphed for
Electrician from
Summerton to go over
and fix it.
Maud Estlin

June 27 4

Chamington and Summerton Pa

Providence R.I.

do not stand face
towards roof for
fifty six inch ~~feet~~
during July.

Maud Estlin

June 3rd 4John. Roach Esq
City

Dear Sir:

Allow me to present to you
Colonel Geo. W. Sherman, who represents
the Edison Argentine Light Co.
and who desires to converse with
you in relation to a Central Station
we are going to install in the City
of Buenos Ayres.

Col. Sherman takes with him
documents explaining the
Enterprise - Very truly Yours

June 3rd 4

W. D. Rich Esq. Sup^t
City

Dear Sir: We have a letter from
 Mr. Leonard complaining that
 the pump does not work
 properly, as they have to
 prime it before it will
 elevate the water.

This is a 120 hailer feed
 pump and has to draw
 water 22 ft from a
 driven well and for it
 is hailer against a

* 2nd

presence of 90 lbs steam.

Have you any idea
as to what is the
matter with it?

Yours truly

Wm. Edison
By Sam. M. M. M.

Alward Leonard Esq June 20th,
Middletown
Ohio

Dear Sir: Replying to your
recent communication in regard
to safety catch leade for the
middletown system we beg
to say that we furnished
instructions and leade for
that portion of the system
which was ducts according
to our determination.

For that part which

#200L

has been changed it
will be necessary for
us to know the maximum
number of lamps that
will be connected to the
mains at any one time.

Kindly give us this
information upon receipt
of it we will forward same.

Very truly yours

W. P. Chubb

D. June 4th 94

Reese Bergmann Esq
292 Ave B
City

Dear Sirs: In answer to your
note of current date stating
that meters as per our order no 9
of May 15th last, would be
finished in about five days,
we desire to inform you
that we have a time contract
for the installation of the
Cincinnati plant and in accordance
with this contract, which is
dated May 16th last, we

#2

are obliged to have all
appliances ready for service
by the 10th of this month,
under penalty -

In view of the above
circumstances can you
not make extra efforts in
relation to turning out
these meters?

Very respectfully
W. E. Nelson, Engineer
By Sam & family

June 57 4

Robt Dyer Esq
Esq

Dear Sir:

I beg to acknowledge
 receipt of yours of current
 date enclosing caveat
 Certificate No 109 on
 methods and apparatus
 for separating ores.

Yours truly

W. H. Dyer

June 5th 4
 G. L. Sims Esq. Capt
 Armington Time Bldg Co
 Providence R. I.

Dear Sir: We have your letter of the
 4th and beg to offer you our best
 thanks for the despatch expressed
 in filling our order for the 8 1/2 x 10.

We presume you lightened the
 days by slowing down the
 Armington & Sims Engine that
 revolves the universe !!

Yours very truly

Wm. A. Edison

June 5th / 94
 Charles F. Sears,
 Essex Block Mfg Co
 Lawrence Mass

Dear Sir:
 Enclosed please find
 statement of your $\$$ p to
 1st inst showing a balance
 in our favor of $\$$ 647 $\frac{13}{x}$.

Will you kindly send us
 your check for same and
 oblige yours very truly
 Wm. H. Edison

June 10th 4

Thomas P. Bonant Esq
State Manager Office
Edison Elec. Co.
Williamsport Pa

Dear Sir:

I am in receipt of your letter of 9th inst enclosing a communication from Mr. P. B. Shaw addressed to yourself, which latter sets forth the arrangement Mr. Shaw desires you to make in regard to the payment of your salary by the Ashland Company.

Respecting to your demand

in reference to such conditions
prejudicing your future relations
with Mr. Edison I can give
you full assurance that any
arrangement which will serve
your own interests to the best
advantage will in no manner
affect your relations with Mr.
Edison in the future.

Judging from the present
aspect of affairs I think

It would be as well for
 you to concede to Mr
 Shaw's wishes in the
 matter, and you can
 always depend upon
 receiving from us any
 assistance we can extend
 to you. In order to comply
 with certain legal formalities
 in connection with the
 sale of the premises it has

New Brunswick N. L.

1600

4th 4 3rd 3
 3- 3- 3- 3-
 3- 3- 3- 3-

McCormack

Foreman

3rd quarter

597 235 232 153
 36 35 35 35
 10 10 10 10
 15 15 15 15
 25 25 25 25
 3- 3- 3- 3-
 15 15 15 15
 25 25 25 25
 6 533 166 400
 61 54 48 44
 1- 1- 1- 1-
 50 50 50 50
 25 25 25 25
 275 275 275 275

97 97 97 97
 308029 910 2588 27-16

200 200

Estimate of Profits
at
New Brunswick N. J.
16000 lamps @ $1\frac{1}{4}^c$ per Lamp, in hour

| <u>Hours
Burning</u> | <u>Tenurey Receipts</u> | <u>Yearly Expenses</u> | <u>Profits</u> | <u>Per cent. for Dividend</u> |
|--------------------------|-------------------------|------------------------|----------------|-------------------------------|
| 11 1/2 | 27.000 | 9240 | 17760 | 29 3/5 |
| 14 | 24.000 | 8982 | 15018 | 25 3/100 |
| 3 1/2 | 21.000 | 8664 | 12336 | 20 46/100 |
| 3 | 18.000 | 8238 | 9762 | 16 27/100 |

June 194th
 Providence R.I.

Dear Lady, Can you
 give me a further agree-
 ment by which I may
 have a. Brown

W. A. Nash July
 1844.

100 June 4th

Reading, we learn from the
 Bulletin & that their
 pump & engine will not
 work unless they are
 connected with the
 water system
 Will you please
 look into the matter and
 advise me immediately
 please truly

Yours truly
 J. A. Nash

12th Decem. 4
 Mr President
 Geo Mason Soc United Co

Cincinnati

Reading

We have your favor of 11th & will be glad to
 send checks on authority
 to draw to all parties
 having claims against us
 at Regra, but in as much
 as the total amount
 of our unsettled
 liabilities at Regra
 did not exceed \$1100 we
 are somewhat at a loss
 to understand why your
 Company should withhold

a payment of \$750.00 at
 a time when your
 account with us shows
 debit against you of
 nearly \$8000.

Yours of 10th
 were received we had
 received your telegram
 stating circumstance that
 we sent

We favor the arrangement
 wherein your indebtedness
 explained that it is
 impossible for him to get
 evidence of the fact
 of the debt from
 the man

12th June 412th June 4
A. O. M. Esq. Newark N. J.

My Dear Friend

Please add 4

Shells to enclosed

Sociated Antiquaries

for 50 Shells

I put the 54

Shells in name

of Chas. Matthews

I send to me as

early as possible

I enclose you 4

New Britain

President
Essex Co. N. J.
Newark

Dear Sir,

I beg to draw

your attention to my

invoiced account
amounting to \$24.68.

Under my arrange-

ment with your clerk

was to be issued to me

in liquidation of this

amount. Will you please

send on Certificate by post

to pay your bill
I am, Sir, very
Respectfully,
Yours,
J. W. Matthews

12th Jan 4

W. L. Garrison Esq.
 Editor Boston Illuminating Co.
 Proctor's Alley.

Dear Sir,

I duly received your favor of the 11th inst. which is noted.
 By our mail, I return chart of Providence for your further attention.
 Before proceeding with the Determination, & in order to avoid error
 in a useful manner, I would like to know, if for instance, in block
 between Green & Pleasant Sts, the 56, 50 & remaining lights, on all corners
 in individual buildings, & if the figures represent the number of lights to
 be burned in covered houses in the immediate vicinity; if such be the
 case, I would request you to divide the lights & place them, each, in
 their respective portions; this to apply as well to all other additional
 lights you have placed on chart.

I notice you have put down for 200 30 lights some large
 and then 11 estimate; are there more or smaller than? If the
 latter, do you not consider your estimate too light? A first class lamp,
 now in Providence, would hardly consume that amount of light in
 a regular manner.

I tell it you wish me to calculate estimate to determine if
 should you not wish the tower, & only have sufficient into to carry
 the lights in to have worked with a cross (C), it would be
 perhaps, to take in a few more lights in the heart of the town &
 which might possibly be obtained in the future, & the work of
 3000 - 4000 lights, which could be readily carried by the wind.
 I would then calculate the tower in Providence.

I do not wish you know the fact, & which from most
 all means, as they actually run, in all points, & from a block, for

22

Stating the size of the main & sub-
 upon receipt of the required information, I will have the

Cardstock figures up, & forward you very shortly, the data you desire.
 Very truly yours,

Wm. H. Brown

Encl.
 2 The Mail.

June 12th 4
 A. Ward Leonard Esq
 Edison Aer Light Sta
 Middleton

Dear Sir:

Are you having any
 further trouble with the
 Middleton pump?

We enclose a letter from Mr
 Kirk containing his comments
 in relation to the probable
 cause of the trouble.

Very truly yours

Thos Edison

June 12/11

Mr. Arthur Cox Esq
 222 Granite Building
 St Louis
Mo

Dear Sir:

In per request of Mr
 Hastings, we send you under
 separate cover estimate of the cost
 of a Cassin Electric Light Plant
 Station plant of 1000 ten c.p.
 lamps capacity, amounting to
 \$ 23,754²⁶ overhead conductors,
 at ~~ground~~ ^{top} ~~plants~~, ^{trif.}

We also send chart of
 district upon which the red

have designated that portion of
the city that in these
Census it dwelleth & wholly
within the limits of this system,
there being 1000 lights in the
district thus marked.

In addition to the above
I send you Plan of building
Building Inspection and
Inspection of Street markets
and a list these papers are
pack up in the Census

Respectfully
Yours
J. H. Johnson

The Ladies

Germania Band

Dear Sir,

18th June 4

W. J. Anderson Esq

Cincinnati

Ohio

Enclosed is a Dear Sir

note for \$500 dated 1st

we have your

kind note of the 21st inst. in favor of 11th reg
Infantry Constitution. We must express our

of Cincinnati Ohio. &

shall be glad of your prompt

will account this fulfilling our

please forward to Philadelphia Center

my cards today

Sincerely

Your friend

Wm. J. Anderson Esq

Wm. J. Anderson Esq

18th June 4
 To J. Andrews Esq
 Counsel
 Sir

Dear Sir,
 I have your favor
 of 10th inst & am glad
 you state about matters
 the matter which
 have your attention

Yours truly
 Thos. A. Adams Esq
 Attorney

18th June 4
 To J. Adams Esq
 Counsel
 Sir

Dear Sir,
 I am obliged to you
 for the suggestion contained
 in your favor of 12th
 inst. I have said a
 number of things to
 your same deprecate but
 as a rule I have found
 them to be more than
 than they are worth
 Yours truly

Thos. A. Adams

of the
The Ohio Bureau of the Bureau
Cincinnati Ohio

Dear Sir,

I beg to notify you
that the Cincinnati
Plant does hereby re-
spond to light and steam
so far as my
portion of the work
is concerned that
fulfilling my Contract
of 16 May 1884

Yours truly
Thos. A. Edison
By Ann David Attorney

enclosures

15th June 4.
The Ohio Edison Electric Installation Co
Cincinnati Ohio

Dear Sirs,

We have your favour of 11th inst enclosing 30 of note for \$750 being amount of the final payment on the Piqua Contract for which we are obliged. Please find enclosed receipt for same. We note what you say about our bills at Piqua all of which have been paid in cash on short time drafts to us authorized. We must however confess that we do not see why our indebtedness of about \$2000 to a few tradesmen at Piqua should have delayed payment.

As we have had some difficulty in getting the note discounted (on account of its being out of town paper) we shall esteem it a favour

if you will kindly forward us
as promptly as possible, the second
Circleville payment in New York
in exchange on your Company's order
check. We would also request
payments of our outstanding
material account.

Yours truly,

Thos A. Edison & Co.

By Samuel Insull

My dear
 Frederick C. Davis Esq.
 Sept 21st 82.

Dear Sir

Why have you

not sent that man
 to Newburg? It is sure
 too bad & you are
 getting no wife and
 disagree

Yours truly

Samuel L. Hall

My dear
 John P. Davis Esq.
 Wellsford
 New

Dear Sir

We have found
 the telegram stating that
 there is a shortage
 of 450 ft of wire
 we have ordered
 the wire which will
 be shipped to you
 at the earliest possi-
 ble (Yours truly)

Samuel L. Hall

June 13th 4
 J. I. Hastings Esq. June
 Edison Electric Light Co.
 City

Dear Sir:

Enclosed are by
 have you statement of of apaid
 your bill for work in connection
 with various towers, as per details
 given, for the month of May's
 and amounting to \$152.22.

~~Enclosed~~ He annex a credit memo.
 for \$186.75 on account of A.C.

This is all to the

Cost of all work and the District.

At the time your Bond
authorizes the payment of our
Bills we had not our bills for
May recorded and were obliged
to approximate the work in exp.
for that month.

As our actual expenditure was
only \$18⁰⁰ more than the amt.
paid us, we have charged this
difference to Prd L and answer you
B^{ts} obems. for full amount

Very truly, Yours

Thos. M. Dixon

June 13/4

W. H. Doty Esq. R. H.
Editor The Argos
Manitowish W.

Dear Sir,

Referring to the state-
ment of your office which you
sent with me yesterday, and
which specifies two items — one
of \$1098⁸³/₁₀₀ and the other
\$495⁰⁰/₁₀₀ for poles not erected,
we beg to say that we
have searched our records
to confirm if possible

Wm

the correctness of this charge.

As a result, we find our letter to you of Oct: 29th containing upon a previous letter we had received from yourself, is the only communication that mentions \$53 fols, and the error embodied in this letter was contracted ^{by us} as explained to you orally.

We would respectfully call your attention to our

letter to you of May 9th 1893
which clearly specifies the poles
required for the Shamokin
installation, the number being

29. As our reference to 153
poles was simply a mis-
construction of one of your
letters; and as our construction
of you above referred to
was the May 9th 1893
is withdrawn within as to

~~242~~
~~242~~

the correct number of poles;
and as 105 poles were
actually erected, we were
of course short only twenty
four poles on the contract,
and allowance having been
made for such shortage
prior to the preparation of
this statement, we deduct
the amt of items referred to
viz: 1242^{50} . Attached

55
11/11/11

enc send you for acceptance a
bill for material supplied on your
order Jan'y 4th 1864 and annexed
is a statement showing the nature
of acc existing between us at
the present time - a balance in
our favor of \$10.57¹¹/₁₆

Trusting this may be entirely
satisfactory to you we are
Yours truly

Thomas H. Chapman Const. Bk.
By Sam. Russell

June 14th 4

F. I. Hastings Esq
 Green Bluffs
 Ill

Dear Sir:

Enclosed we beg
 to send your new determination
 with all explanations relative
 to Cumberland co. prepared
 by us in accordance with
 our instructions from Messrs
 Doubleday and Chase -

Very truly yours

Thos. D. Chase

June 20th 11

John D. Leray Esq
Bellevue

Dear Sir: We have your telegram
of this a.m. asking for 17000 lbs
of 888 Copper and a coil of iron
wire. We cannot understand
why you should be short any
wire and wish you would
explain the discrepancy.

Under same cover we send
you a chart of Bellevue
showing the catenewon which

#2

are agreed to make to the present system -

The wire required for this extension is as follows:—

| <u>chains</u> | <u>Practical Size</u> | <u>Single length</u> | <u>Triple length</u> |
|---------------|-----------------------|----------------------|----------------------|
| 3 - E | #6 | 850' | 318 lbs |
| 3 - C | #8 | 550' | 136 " |
| 3 - D | #2 | 1200' | 875 " |
| Tether 3/ | #6 | 850' | 310 " |

Increase in wt of Tangle 206

The lengths as given above are distances between points as located by letters on chart. The weights as noted are for triple lengths.

#3

of copper -

Now we have sent you
the following wire:-

| | |
|---------|-----------------------------|
| 630 lbs | ct ^o 6 |
| 892 " | " 2 |
| 186 " | " 8 |
| 120 " | " 2 (as per your telegram.) |

The weight of each size of wire
as sent you is in each
case in excess of the weight
called for by the determination.

Please look carefully into
this matter and locate

#4

the source of error, advising
us as to the results of your
investigations.

I presume you have been

Sent You.

Yours truly

W. B. E. Dixon

June 11

Wm Brock Exchange
Care of Mr. Stn
Shamokin
Pa

Station
You are in receipt of your
letter of 12th inst and in reply we
begin to state that we will in a few
days be writing in reference to the change
it is proposed to make in the Shamokin
Station and it would be better for
you to await this correspondence
before doing anything about the
Equalizers as the change we mention
may necessitate an entirely different

16th June 42

A. Stuart Esq

Secretary
Chas. Carson Electric Installations

Dear Sir,

Yours of 12th inst. addressed
to me has been received.

If you sell at one cent,
you give the consumer about 3 1/2 %
more available light than he would
get from his gas at the same price
& moreover I venture to say that
your bills will be even less than
gas although theoretically they
should be both alike

Yours truly
Thos. A. Carson
 J.

Thomas P. Conant Esq June 1st 11
 Chas. Barron Esq
 Ashland Ms.

Dear Sir: We are in receipt of
 your letter of 13th inst, relative
 to Ashland Determinations
 and under separate cover we
 send the two you ask for -
 one with the mains placed
 in the alley and the other
 with conductors running along
 Centre Street.

An electrical determination

22

is annexed to each chart
giving details of the system
to which it is attached, and
author of these determinations
will supply you with all
the information you require
to order wires, and run it.

When you decide what
system you will adopt you
can advise us and we
will send you a list of
sight sketches necessary
for each system, together

with list of actors.

We have requested the
 Chas. H. to communicate
 with you relative to prices of
 Apparatus and Personnel &c
 to send you their catalogue
 and supplements from which
 you can obtain prices on
 the Electrical appliances
 mentioned in your letter
 under reply.

In regard to wire
 we believe that at present

14.

the ruling price is
 24¢ but upon this subject
 you must confer with
 the Swenson Brass & Copper Co
 79 W 21 Cliff St New York
 Yours Truly

Thomas Eldredge Esq

By Saml. Inoull

D3

Two H. Dynamos 3000.
 " S 1050.
 " Regulator 110.
 One apt. 13 Engine 1950.
 Two Belts (wide) 105.50
 Foundation for Washers 62.90
 Laundry switches 100.
 Extras 100.

6875.40

D4

Two H. Dynamos 2150.
 " Regulator 90.
 (Allman in engine) 225.

2465.00

4413.40

To H. Beckman Esq
 Edison Elec Works
 Newburgh N.Y.

June 1st

W. R. Brown Esq.
Care of Rev. Mr. L.
Newburgh N.Y.

Dear: Enclosed we beg
 to have you memo. of cost
 of material necessary for
 the change in your design
 which of course does not
 include any labor connected
 with such changes.
 The extent to which you
 would be entitled to an
 increase of \$2500.00, the details
 of which we give -

Very truly yours

My Aunt Drunk

June 11^x
 A.D. Cone
 1305 3 Street NW
 Washington D.C.

Mr. Howell will be
 in Washington early
 morning

Thomas Edison

David

My dear Sir,
 I have in receipt
 of your letter of the 16th
 and in return to the one
 in which you write of
 the difficulty to obtaining
 the license you have
 for this had the matter
 put straight.
 It is not necessary to
 have three paid and
 then it is to it.
 We never saw there

City of Lima

June 16th 1904

Wm Stewart Esq
Santiago
Chile

Dear Sir We enclose herewith
our estimate of \$151 for the
supply of material for an Edison
Electric Light Plant of 400 for
C.R. lamps capacity at Vina del Mar
Chile amounting to \$1195.16 and
amended to it as estimate
for the supply of material for
house installations. amounting
to \$1026.15 all of which has
been compiled in accordance
with your correspondence relative
to the subject.

We confirmed elsewhere our
letter to you of September 20th
date to the effect that the
estimate for this place amounted
to \$7,500.00 and you of course
understood that this amount
represented the cost of the
plant as you expressly stated

in your recent Communication
that you desired the figures
referred to be exclusive
of all percentages.

We notice that the code
of figures you send us by
letter to convey to you the
costs of Central Station plants
do not run up high enough
to be employed and we are
obliged to have recourse to the
code as expressed in the book
you furnished us with.

We have under preparation at
the present time a number of
model Central Station and
plant estimates and copies of the
we will send you. You will
find that they will greatly
facilitate your work.

In relation to our estimate
for house wiring material
amounting to \$ 2228.45 we
will, as explained to you in
previous letter, allow you
of 25% of the cost. 40%
The net is \$ 1671.34 and

25% of this amount is \$205 ²³/₁₀₀
and your share is 80% of the
latter sum of \$829.

We hope this estimate will
be satisfactory to you and
trust you will meet with
all success in all your
and other affairs of stock.
We will attend to your instructions
in regard to an assistant and
in the meantime be to remain
in the meantime by your
Very truly yours

Thos W Edison

P.S. The profits on the battery the method
are detailed as follows:-
Cost Price (approx) 73.56.18
25% of Cost Price 18.39.
Divided as follows:-

| | |
|-----------|-------------------|
| Light box | 104.00 |
| W. ch. A. | 200.97 |
| W. ch. B. | 205.95 |
| | <u>\$ 1139.92</u> |

T.W.E.

June 1871
 A. Stuart Dear

Now & 2 Vice Sts

Cincinnati O

Contract with them plant
 made with illuminating
 company. Shall we
 assign to you or
 them

Wm. A. Estlin Jr

June 19th 44
A. Stuart Esq Secy
Ohio Edison Elec Inst^l Co
Cincinnati
O.

Dear Sir: In answer to your
recent communication asking us
to make an assignment of
the Middletown plant to the
Ohio Edison Elec. Installation Co.,
we wired you last night
calling your attention to the
fact that our contract for
this plant was made with
the Edison Elec. Mfg Co of
Middletown. We are

or

this morning in receipt of a
telegram from Mr. Altemberg
requesting us to assign the
Chadletown plant to the
Installation Co.

As much as the Installation
Company were not known
at all in connection with
our contract we cannot
make an assignment to
them. This you will of
course readily understand.
Our Contract with

*3

the Middletown Company
states that as soon as
all the terms of payment
have been complied with
the title to the property is
vested in the Company.

These terms have been
complied with and virtually
the title to the property
is now in the Edison
Electric Mfg Co of Middletown
and under these circumstances
we cannot execute an

#4

assignment of property
we do not own, to a
Corporation foreign to
any agreement connected
with the installation.

We shall be pleased
to make a formal
assignment to the E. C.
I. Co. of Middletown, and
awaiting your instructions
we are

Very truly yours
Thompson & Greenleaf
Middletown

June 20/4
 Mr. Batchelor Esq
 Churchchill
 104 Gerrard St
City

Dear Sir: Please send two good
 mechanics to the Cable Station,
 257 Pearl St., tomorrow
 (Saturday) morning at eight
 o'clock, to report to the
 Chief Engineer and under his
 supervision to overhaul
 two dynamos and ascertain
 if they are in line with
 the engine. This work

2

to be prepared on account
of the Department -

Very truly yours

Thos. Edison and Frederick
My and Frederick

June 29th 11
 Cummings River Co
 @ residence No. 1

Consider it waste of time
 sent man Sharrockin -
 Engine got some out -
 Mrs. A. Edisons

12/29 1897

June 21/8

Jas. S. Humbird Esq
Cumberland
Md.

Dear Sir: Referring to your
telegram of yesterdays date
relative to Cumberland
determinations, also to our
reply stating that they
were handed Secretary of
Light Co. on 14th inst. who
informed us that they
were sent Mr. McBlair
Baltimore; also referring

82

to a telegram which we
received last night from
Mr Clarke to the effect
that the documents had
not been received by him,
we beg to say that we
have seen Mr Hastings,
Scrip of the Light Co., and he
has handed us a receipt
of the Balto & Ohio Express Co.
for a package forwarded
to Mr H. A. Clarke Balto
on the 19th instant—

Handwritten in left margin:
 *
 This receipt we have
 sent Mr. Clarke.

Handwritten in left margin:
 We spared no pains
 to have these determinations
 sent quickly according to
 our promise to Messrs
 Doubleday and Hall, and
 we cannot account for the
 delay that elapsed from
 the date of their completion
 and transfer to Mr. Hastings
 to the date of the shipment
 of them to Baltimore.

June 24 12
 J. M. Clark Esq
 Baltimore Md

Dear Sir: On the 14th inst. we
 landed Mr. Hastings the
 Cumberland determinations.
 This morning we landed
 your telegram of last
 night and received the
 annexed receipt.

We do not know the
 cause of five days delay having
 elapsed from the time the
 data was completed, until it

June 23rd 4
 Mr. Blanche
 New York

Belong to my collection
 from the
 present collection
 without in part
 from the collection

June 24th
 I returned about
 11:30, being the last of
 June 24th & the day
 commenced, the

Relied on receiving much
 from you this
 morning about 11:30
 and found
 not coming in have been
 compelled to see you

Wm

June 20th 4
A. Woods, Secy

(2)

at night, they fire
through mine hole, killed
and lighted five dollars
and senty three cents
John A. Ewing

86 | 99

June 27th 4
Arriving at Reno by
Portland
J. A.

Your telegram re
Central Station ignis

Winterville.
James A. Ewing

June 23rd

W. H. Hoffman Esq
 New Haven Ct to Co
 Will. Green & Sons St
 Cincinnati O

I am a perfectly nominal
 party and will acquiesce
 and depose in Paper
 plant for which I am
 responsible for everything
 done, in m.

is distinct and separate
 matter, my feet has
 been fulfilled and
 payment made
 in the instant -
 they draft must not
 be pulled -
 James A. Green

Nov 23rd
 Mr. B. B. Black, Jr.
 and family & Mr. & Mrs. S.

Dear Sirs: I
 have the honor to acknowledge
 the receipt of your letter of the
 19th inst. and in reply to inform
 you that the same has been
 forwarded to the proper
 authorities for their consideration.
 I am, Sir, very respectfully,
 Yours, &c.

and first and separate
 in a letter may have had
 written. I have the honor to
 acknowledge the receipt of your
 letter of the 19th inst. and in
 reply to inform you that the
 same has been forwarded to the
 proper authorities for their
 consideration. I am, Sir, very
 respectfully,
 Yours, &c.

#3

written just as received
 from modern. Boy
 like against me at
 Armas not liquidated
 one under adjustment
 Every thing that is not
 otherwise a liability

S. B. Entwistle Esq. June 22/4
Edison Electric Light
Co. City

Dear Sir: Referring to the proposition
made to you by Mr. Stewart with
relation to the Santiago Station
I shall be glad if you will bring
the matter before the Board at
their meeting today.

I am willing to do personally
what Mr. Stewart wants your
Company to do provided your
directors will undertake to give
me half of what they receive
in stock or money from the
Santiago Company.

I think it would be a

very serious blow to your
business if the Lanthorn system
were allowed to stop and if
your Directors are not willing
to take the risk necessary to
save it I would urge them
to allow me to do so, which
I am perfectly willing to
do on the above terms -

Yours truly
Thos. A. Edison

Thomas A. Edison Construction Department Letterbook, LM-020

This letterbook covers the period June-September 1884 and contains correspondence relating both to the Edison Construction Department and to the Edison Machine Works. Some of the letters are by Edison. There is also correspondence by Samuel Insull and Charles Batchelor. Most of Edison's letters are in the hand of Insull, acting as Edison's secretary. Included is correspondence pertaining to the shipment of dynamos and the payment of overdue bills. There are also letters about the payment of rent for the Goerck Street plant of the Edison Machine Works in New York City. The front cover is marked "Construction Dept No 7" and is stamped "T. A. Edison. Construction Dept., 65 Fifth Ave., New York." The spine is labeled "1884" and is stamped "Letters C.D. 7." The book contains 497 numbered pages and an index. Pages 78-497 are blank. Less than 10 percent of the documents have been filmed.

Arrington Sims

21, 23, 32, 33, 46, 47.

AH

Arsonia Brass Kopper Co.

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Audens, N. S.

03, 14, 26, 30.

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22
20
Bergmann, Co.

3, 12, 22, 29, 37.

Blitcher, Chas

14.

B. Law, J. B.

19.

Bicknell, H. B.

23, 27, 44.

Bernie, A. S.

98, 24.

Beria, G. H.

31.

B

Clarke J. C.

S.

C
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Diana Adams Pamples et.

Dwelly W. H.

3552.

David Morgan

67.

E

| | |
|--------------------------|-------|
| Edison, Mrs. Thos. A. | 21. |
| Edison, Shaftey Co. | 61. |
| Edison Co. for Sol. Ltg. | 62.65 |
| Baton. 1/13 | 63. |

E
F
G
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| | | |
|-----------------|----|-----|
| Saints, L. S. | x | 11 |
| Dora, Martin A. | | 25. |
| F. Leah | H. | 33. |

Grainson, W. L.

Germania Bank Co.

7.39.

59.60.

G
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| Him. Lark. Belting ls. | 17. |
| Heaghton. Buss. Popultr. | 17. |
| Hubbard E. B. | 18.55 |
| Harris J. | 44. |
| Humbird J. | 04. |

Dirby J. 30.

Lord, E. H. 16.

L
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Mo. num. des
Mo. num. des 9
Mo. num. des 26

Oth. John

12.27.

P

Perry, John S. 5.24.26.
Professor Hagleton House 19.
Paine S. 27.

P
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Boach, John

18.

Rich. W. D.

25.

R
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Stuart A.

Spencer, Thomas

Sim, Gardner C.

Schwenk, Wm

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14, 40.56

5, 15.24

7, 35.

57.

Vail J. H. 66.

V
W
Y
Z

Western Electrical Co. 10.

Hord, R. R. 15.

Walker, J. L. 18.

Yost - N. B.

55

Y

72

1

June 22

A. Stuart Egle
Ohio Edison Elec. Co.
Cincinnati O

Dear Sir: We beg to quote the following
from a letter we have recently received from
Chief Elec. Engineer W. Andrews:—

- I did not quite like to leave Circleville
- whilst there was trouble, although I felt
- realized that neither you or I are
- responsible for anything outside of electric
- matters in station and these things do
- run all right from start.
- Pole lines are in good shape but safe
- Catch holders have not yet come to hand

You should ascertain how many
of these are necessary and order them
together with leads from Bergman & Co.

Yours truly
Thos. A. Edison

24 June '83

at New York
to E. F. Johnson Esq
Essex Cottage etc &
Sutton Mass

Dear Sir,

Referring to your
letter of 10th inst. I
am with it and shall
for date add in
my letter of 22nd inst. I
advise that the necessary
costs of printing of which
I will forward to you
what is necessary. It is
done in connection
with your subscription
and I

Yours truly

Wm. A. Johnson

E. F. Johnson Esq
Essex Cottage etc

Dear Sir,

I have your letter
about the subject of
donation. I think it
better to continue the
series of donations but not
to stop to you about the
subject. We must have the
necessary place.

I have forwarded the \$13
to the printer. I have
also sent you my notes
on the subject of
donations.

I am your faithful friend
and I will send the copy
of your letter to you
Yours truly

Wm. A. Johnson

8
10
24 June 4

F. E. Clarke Esq
Lawrence
Mass

Dear Sir

Referring to your communication
with Mr. Small if you will please
let me know exactly what power
you want to get out of the motor
you desire, the speed at which you
wish them to run & the work
for which you require them
I will figure them out & let
you have the necessary data

Yours truly
Thos. A. Edison

25th June 4John Roach Esq
City

Dear Sir

I shall be glad if
you give me a few weeks
indulgence on the rent
now due on the Great
St. Works.

My Foreign Customers
are considerably backward
with their remittances,
and as ^{in addition} I have been doing
a great deal of unremunerative
experimental work lately
I have besides a very
large stock of manufactured
goods on hand I am
desirous you should
do me this favour
Yours truly

Thos Edison

July 2nd
Cummington and Linn Co
Providence

R. J.
late raised Philanth
4 hours

3/25

July 3rd
Mr. Thomas A. Linn
Mendocino
N. J.

Everything in Laboratory
for Mass Spect is in small
in shell -
S. Draville

10/25

July 18th. 1884.

Genl. H. Bliss, Esq.
Chicago, Ills.

Dear Sir:-

Referring to your favor of the 13th July. I beg to state that the United States Electric Co. have been examining the lamp you refer to for some time. We have temporarily got hold of some of their lamps, and have been the proprietors of the lamps they make. The last life we have seen a set of Martin lamps, set up at sixteen candles, gave us 121 hours of average life.

Very truly yours,

Wm. A. Harrison

July 18th. 1884,

Armington & Sims Co.

Providence, R. I.

Dear Sirs:-

We have your favor of the 16th. inst., and are glad to hear that the Bellefonte engine is running well at last.

We return you herewith the letter from Littleton, which we have read with interest.

Yours truly,

T. A. Edison, Mngn. Dept.

By

Samuel Insull

Encl. sure.

28 35
July 18th. 1886.

W. H. Dwyer, Jr. Esq. Town,
Fall River, Mass.

Dear Sir:-

We have your favor of the 17th. July, stating that you
have forwarded the engine and blower as requested.

We will make you an allowance of \$600., providing you
will relieve us of the responsibility of putting up a 400 H.P.
stack, in place of the one you now have in your station.

Yours truly,

T. A. Edison Constn. Dept.

By

Wm. Russell
7

July 22nd. 1884.

A. Stuart, Esq. Secty.

Cincinnati, Ohio.

Dear Sir:-

Your favor of the 19th. inst. came duly to hand.

As we desire to go is to get at a settlement of our accounts. If the material is to be returned we want it returned immediately and if it is going to be retained we want it paid for immediately.

It is of course only natural that, if we take a contract to put up a certain thing that anything we do outside of that contract we charge for. This is merely a business arrangement: recognized by all, and if we did not permit this course there would be no particular object in a contract being made at all. I do not think that anything that this Department has shipped to Ohio, on these open accounts, has been charged up at outrageous prices. If they have, I should be the first to make a rebate on such outrageous prices. Of course what any one else outside of my own office does, I have nothing whatever to do with.

Dept.

We are closing out the Construction, and it is but natural that we should desire to know just where we stand, and as long as we have a lot of unsettled accounts, it is impossible for us to make any fair estimate.

So I shall be very much obliged to you if you will kindly have the various accounts looked into, and the material that is in

At Chicago, Ill.

July 24th 1902

My dear Sir, we shall be very happy to take such and give you
 credit for same.

I recognize all that you say about the desirability of
 dealing with the local stocks of your company, even especially in
 the present state of the New York market. If I should have had an
 opportunity of placing 10,000 of any of your local companies
 stock I will advise you. In fact I will start to do some
 inquiries immediately, although I am not by any means sanguine
 about any thing being done at present. It would be well for you
 to send in to me some kind of a statement of the working of the
 various plants, although I must say that I can gather nothing from
 your letter that I would care to place before a would be investor,
 with a view to influencing him favorably in connection with the
 business.

The point of entirely erroneous impression is that such
 that we want to grind the four or five plants that you have got
 into 1902. We have no such intention at all, and are per-
 fectly willing to take back such material as you cannot use,
 providing it is in good condition.

I fully agree with you as to the necessity for including
 everything that is required to start a plant, and for whatever reason,
 contrast of adverse experience could well be made in this of
 the opposite conclusion, and my experience is that it is the same
 the same as yours. The funds that is not yet paid in is the

A. Stuart, 3.

July 22nd. 1894.

5

first case was that our idea was that the local plumber should do all this work, and that it would not be passed on to the local company.

With relation to its being necessary to change prices on machinery, my experience of course is more largely connected with engines than anything else, and I know that at present it is impossible to reduce the price of them. With relation to Messrs. Bergmann & Co's. material, I cannot understand why it is you complain so much about their prices. I do not know very much about the cost of building such apparatus as he supplies, but I do know that, outside of electric lighting, Mr. Bergmann can get all the work he wants at absolutely his own prices without ever going after it, whereas opposition concerns are all the time trying to compete with him, and strain every nerve to get their orders. These remarks apply to work of an absolute standard character- telegraphic and telephonic work.

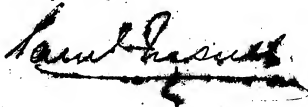
I am very much obliged to you for your letter, as it contains matters of very great interest to myself, and Mr. Elliot also read it with very considerable interest. To me at this moment it is, however, of very little use, inasmuch as I am engaged in the thankless task of clearing out a business, namely, the Construction Dept. As soon as I get this business closed out I shall give my attention to affairs that will bring me very little into contact with the practical operation of our business.

A. Stuart, Jr.

July 22nd. 1894.

business in this country. If, however, at any time I can do anything to assist you here in New York, I pray you to command me, as in my experience with you I have always found that mere business troubles have made no difference whatever to your personal relations, and this, unfortunately, is rather the exception than the rule in connection with the electric lighting business.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Samuel Insull". The signature is written in a cursive style with a long, horizontal flourish extending to the right.

July 22nd. 1884.

H. B. Beckman, Esq. Vice Pres.

Newburgh, N. Y.

Dear Sir:-

I have a letter from Mr. Rogers ordering one $14\frac{1}{2}$ x 13 engines and two "H" dynamos. I have requested the Edison Machine Works to supply you with the dynamos and bill them to you direct, and I have also requested the Armstrong & Ems Co. to do the same with relation to their engine, and to bill the engine at the same price at which they would bill it to me. The dynamos would be billed to you at \$1,500. each, free on board New York, and the engine at \$1,950., free on board, Providence.

In order to take advantage of these prices you will have to pay cash for the material, as this is the basis on which the above prices are quoted to me.

It will be necessary for you to have a foundation cast for the $14\frac{1}{2}$ x 13 engine. I have the pattern and, if you desire it, I will order one and bill it to you at once. I will also supply you, if you like, with the necessary bolts, piping and washers for the foundation, on the same terms. I send you, by next mail, under separate cover, a plan of the foundation for the engine and also plan of the foundation of the dynamos. We do not use a template, but simply build from the plans. If you accept it, however, I do not think that Mr. Rogers & Co. will object.

H. B. Beckman, 2.

July 22nd. 1884.

2

you with a template of the engine.

Very truly yours,



advise
P.S. We would strongly advise your having Armington & Sims's men
start the engine. This is the course ordinarily pursued by the
Edison Company for Isolated Lighting. They pay Armington & Sims
\$50. more than we do, and then Armington & Sims send on a man to
overhaul the engine after it is put up and start it. If this
course is pursued, the Armington & Sims Co. hold themselves re-
sponsible, as we understand it, for the proper running of the
engine. We would suggest that you place yourself in communi-
cation with the Armington & Sims Co. Their address is 546 High
Street, Providence, R. I.

July 22nd. 1884.

Armington & Sigs Co.,

Providence, R. I.

My Sir:-

I have your favor of the 10th. inst.

I think it would be unadvisable to reduce the face of the driving pulleys of the 14" x 12 engine. Our tendency was to rather increase the face of our armature pulleys than to decrease them, inasmuch as we are more likely to require to take more power out of our machines than to take less.

Very truly yours,

Wm. A. Sigs

48
13
July 22nd. 1884.

H. B. Hubbard, Esq. Secy.

Tiffin, Ohio.

Dear Sir:-

We have your favor of the 18th. inst.

We think that if we were to count the January and February normal breakages at 35 and the March breakages at 40, that this would be a fair average to your Company. It would result in ~~making~~ making an allowance to you of 237 lamps. Please let us know if this will be satisfactory to you.

Yours truly,

T. A. Edison Const. Dept.

By

Samuel D. Merrill

July 22nd, 1894,

Sidney B. Wilson, Esq.

P. O. Box 3303.

Boston, Mass.

Dear Sir:-

Referring to your favor of the 16th. inst., I beg to inform you that I no longer have an engineering force in connection with the Construction Department, as I am closing out that business, and I therefore cannot very well give you the information you desire. I have referred your communication to the Isolated Co.

Very truly yours,

Miss A. Benson

August 20th, 1884.

Edison Co., for Isolated Lighting,

65 Fifth Avenue, City.

Dear Sirs:--

We shipped you yesterday one 50 light dynamo, No. 61,
with armature No. 63, to the Syracuse Herald, Syracuse, N. Y.,
one 50 light armature, No. 20, with short commutator, to Transfer
Boat "Osborn", Cairo, Ill., one 100 light commutator to the
Conglomerate Mining Co., Delaware Mine, Mich.

Enclosed please find test tickets of all the above.

Yours truly,

Edison Machine Works,

By

Wm. B. Atcheta

General Manager.

Enclosure.

August 28th, 1894.

J. H. Watt, Esq. Supt.

85 Fifth Avenue, City.

Dear Sir:-

Enclosed please find test tickets of 50 light dynamo,
No. 61, with armature No. 63, sent to the Syracuse Herald, Syracuse,
N.Y., and 50 light armature No. 20 sent to the Transfer Boat "Os-
born", Cairo, Ills. August 27th.

Yours truly,

Edison Machine Works,

By



General Manager.

Enclosure.

Thomas A. Edison Construction Department Letterbook, LM-021

This letterbook covers the period January-August 1884. Most of the correspondence consists of routine form letters acknowledging the receipt of supply and equipment orders. Only four letters -- three by Edison and one by Samuel Insull -- have been filmed. The front cover is marked "Advices Only--" and is stamped "T. A. Edison. Construction Dept., 65 Fifth Ave., New York." The spine is labeled "1884" and is stamped "Advices Letters No. 1." The book contains 499 numbered pages and an index.

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y

117
178
577
383
389
—
4

4
7
7

7
1254587

120

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

ANDRES V. S. W.

17, 14, 29, 59, 63, 83, 86, 119, 131, 201, 218, 221, 226, 231, 249
266, 271, 271, 272, 301, 304, 306, 310, 324, 305, 338, 341, 345,
353, 354, 356, 357, 358, 359, 363, 364,

A
B
C
D
E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y

Baird A. 176, 179, 187, 160, 165, 170, 179, 180, 188, 194, 205, 213, 216,
240, 244, 255, 245.

Babcock L. Wilcox 169.

Bentley H. 33, 21, 337.

Company T. P. 55, 60, 80, 143, 152, 153, 158, 159, 167, 177, 181, 193
195, 202, 206, 209, 246, 248, 257, 261, 262, 267, 275, 289, 290, 297, 300, 302.

Chinook C. E. 247.

C
D
E
F
G
H
I
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y

DOUBLE DAY H. M.
Dwight W. H.

11.16

292

44. 53. 113. 235. 265. 309.

Fitcher W

81. ⁹⁸ 11/19/16

Hille: 3.

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Janka, M. J.

296,302,311

I
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y

KITZMAN, E. 113

Kinky E

211.

LEONARD, H. W.
295, 296, 314, 317, 327,

3590, 117, 112, 187, 204, 210, 241, 250, 278, 284, 286, 288

L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

Ott. John.

2.67. 55. 89. 107 1/2 114. 123. 126. 156.

N
O
P
Q
R
S
T
U
V
W

OTR. J. 117/114, 123, 126, 158.

Perry J. 115, 132, 135, 138, 146, 185, 227, 245, 251, 259, 276, 313,

P
Q
R
S
T
U
V
W
X
Y

RICH, W. D. 4, 5, 8, 17 to 23, 25, 26, 30, 32, 33, 34, 38, 40, 43, 45, 46
to 50, 60, 65, 69, 72 to 75, 77, 79, 84, 99, 101, 106, 117, 125, 127, 145, 152, 157,
161, 162, 163, 166, 168, 171 to 176, 178, 192, 196 to 200, 203, 205, 212, 215, 217, 218, 222,
227 to 235, 238, 239, 252 to 257, 242, 247, 252, 260, 263, 265, 269, 279, 282, 294, 303, 318, 322,
330, 331, 338, 340, 355.

R
S
T
U
V
W
X
Y
Z

SPENCER, THO^d
STEWART, W. N.

Schmuck N.

61. 97. 111. 124. 186. 217. 214. 239. 279. 294. 325. 338.
85 315. 316. 329. 338. 338.

229.

Dec 21 4

Est. Lord & Treas
 Edison Elec. Co.
 Lawrence
 above

Dear Sir: During the coming week
 I have some very heavy financial
 engagements to keep and wish
 you would very kindly let me
 have your check for \$4000.
 on a/c, if possible by Tuesday.
 Trusting you can oblige
 me
 Law
 Yours truly,

Wm. A. Edison

August 6:

at 11:30

John, baron

known by Saturday morning
with an emergency with
him

and I will

10-40 Paul

10:20

August 7: 1888

John, baron

to show J. A. Wilson

Will not on the fire body

train

WORKS OF
A. E. WILSON
17TH AVE.
N. Y. C.

Aug 29th 4
 Eugene W. Still
 175 Broadway

city
 Regret exceedingly that
 a previous engagement
 prevents my having
 the pleasure of accepting
 your invitation
 Thomas A. Blasing
 DH

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END

85

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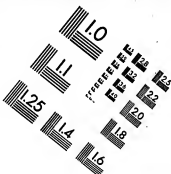
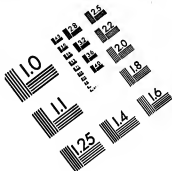
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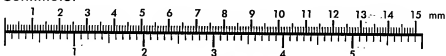


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